

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086706.D
 Acq On : 20 May 2025 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 21 01:39:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	205373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	368766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140561	49.530	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.060%		
35) Dibromofluoromethane	8.159	113	109323	49.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.560%		
50) Toluene-d8	10.565	98	464037	50.988	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.980%		
62) 4-Bromofluorobenzene	12.847	95	166939	51.949	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	123023	55.469	ug/l	98
3) Chloromethane	2.359	50	160437	47.826	ug/l	99
4) Vinyl Chloride	2.512	62	150377	49.914	ug/l	97
5) Bromomethane	2.953	94	78122	44.981	ug/l	96
6) Chloroethane	3.118	64	94267	47.764	ug/l	95
7) Trichlorofluoromethane	3.500	101	176037	48.894	ug/l	98
8) Diethyl Ether	3.959	74	72181	48.530	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	110807	51.409	ug/l	98
10) Methyl Iodide	4.589	142	120390	44.902	ug/l	98
11) Tert butyl alcohol	5.506	59	111271	215.288	ug/l	99
12) 1,1-Dichloroethene	4.342	96	111576	48.709	ug/l	98
13) Acrolein	4.171	56	121949	220.713	ug/l	100
14) Allyl chloride	5.018	41	170578	49.198	ug/l	98
15) Acrylonitrile	5.712	53	301719	235.773	ug/l	100
16) Acetone	4.418	43	236104	222.413	ug/l	99
17) Carbon Disulfide	4.712	76	316544	49.912	ug/l	100
18) Methyl Acetate	5.018	43	129934	43.732	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	375850	48.188	ug/l	99
20) Methylene Chloride	5.277	84	127658	45.571	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	118956	49.117	ug/l	97
22) Diisopropyl ether	6.671	45	393646	50.325	ug/l	97
23) Vinyl Acetate	6.594	43	1593512	271.062	ug/l	99
24) 1,1-Dichloroethane	6.565	63	224751	48.939	ug/l	99
25) 2-Butanone	7.477	43	375702	229.031	ug/l	99
26) 2,2-Dichloropropane	7.488	77	194194	51.240	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	142500	47.936	ug/l	97
28) Bromochloromethane	7.812	49	104951	50.299	ug/l	99
29) Tetrahydrofuran	7.835	42	250372	233.837	ug/l	98
30) Chloroform	7.959	83	219075	47.660	ug/l	95
31) Cyclohexane	8.253	56	201123	47.221	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	185397	47.838	ug/l	97
36) 1,1-Dichloropropene	8.371	75	161235	49.773	ug/l	100
37) Ethyl Acetate	7.553	43	151180	46.200	ug/l	98
38) Carbon Tetrachloride	8.359	117	157806	49.442	ug/l	99
39) Methylcyclohexane	9.594	83	183114	52.228	ug/l	100
40) Benzene	8.600	78	515713	48.802	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	84964	48.089	ug/l	97
42) 1,2-Dichloroethane	8.665	62	158419	48.118	ug/l	100
43) Isopropyl Acetate	8.682	43	272620	41.558	ug/l	100
44) Trichloroethene	9.347	130	127528	50.034	ug/l	100
45) 1,2-Dichloropropane	9.618	63	126312	50.316	ug/l	98
46) Dibromomethane	9.706	93	83334	49.196	ug/l	96
47) Bromodichloromethane	9.882	83	172832	49.519	ug/l	100
48) Methyl methacrylate	9.677	41	122159	48.057	ug/l	98
49) 1,4-Dioxane	9.688	88	51081	949.005	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	769877	232.723	ug/l	99
52) Toluene	10.629	92	324042	49.337	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	190050	51.430	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	204720	50.750	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	115949	47.325	ug/l	98
56) Ethyl methacrylate	10.871	69	195497	49.697	ug/l	98
57) 1,3-Dichloropropane	11.159	76	205971	48.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	461287	262.375	ug/l	99
59) 2-Hexanone	11.188	43	563592	233.296	ug/l	100
60) Dibromochloromethane	11.353	129	127652	49.715	ug/l	99
61) 1,2-Dibromoethane	11.465	107	118801	48.253	ug/l	99
64) Tetrachloroethene	11.100	164	127839	50.469	ug/l	97
65) Chlorobenzene	11.888	112	352077	48.558	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	113931	48.674	ug/l	99
67) Ethyl Benzene	11.959	91	617911	49.754	ug/l	99
68) m/p-Xylenes	12.065	106	480059	102.055	ug/l	99
69) o-Xylene	12.394	106	231309	49.461	ug/l	98
70) Styrene	12.406	104	389526	50.875	ug/l	100
71) Bromoform	12.576	173	81919	49.210	ug/l #	97
73) Isopropylbenzene	12.688	105	557238	45.576	ug/l	100
74) N-amyl acetate	12.488	43	228465	44.724	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	157289	41.874	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	171704m	47.959	ug/l	
77) Bromobenzene	12.976	156	134808	43.831	ug/l	98
78) n-propylbenzene	13.029	91	670540	47.789	ug/l	100
79) 2-Chlorotoluene	13.123	91	418837	45.909	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	465665	47.538	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	70552	49.731	ug/l	91
82) 4-Chlorotoluene	13.217	91	426862	47.226	ug/l	99
83) tert-Butylbenzene	13.435	119	394822	46.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	477829	48.984	ug/l	99
85) sec-Butylbenzene	13.612	105	560705	48.950	ug/l	100
86) p-Isopropyltoluene	13.723	119	475836	50.679	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	257070	48.269	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	256346	48.580	ug/l	99
89) n-Butylbenzene	14.053	91	414140	53.206	ug/l	99
90) Hexachloroethane	14.329	117	77642	49.839	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	246118	48.586	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30013	48.232	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	111492	52.142	ug/l	99
94) Hexachlorobutadiene	15.494	225	44791	50.489	ug/l	98
95) Naphthalene	15.635	128	357215	48.114	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	105138	50.210	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

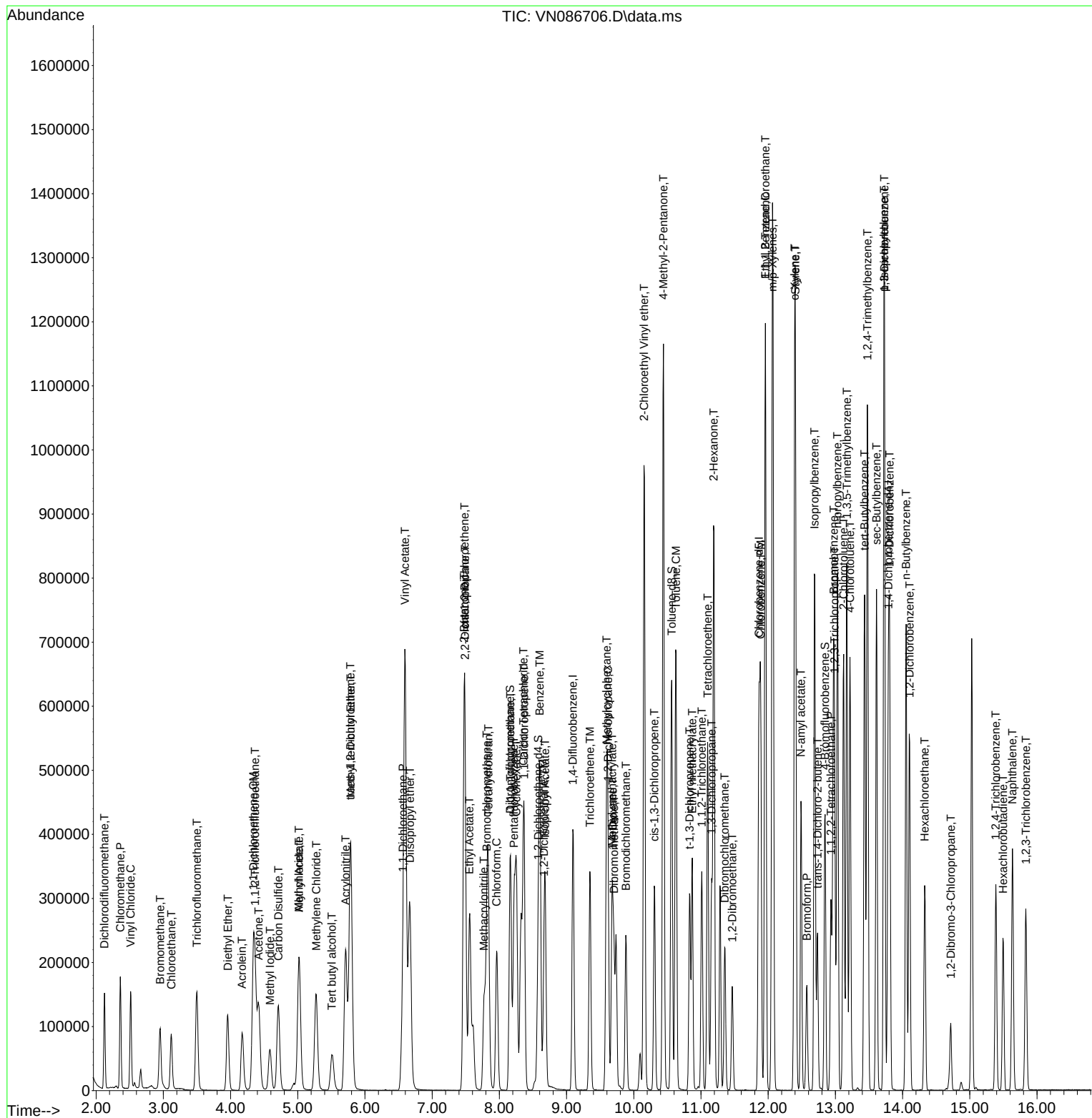
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
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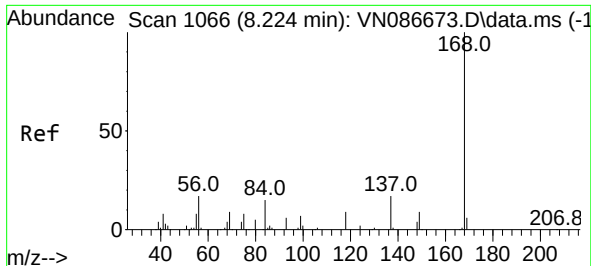
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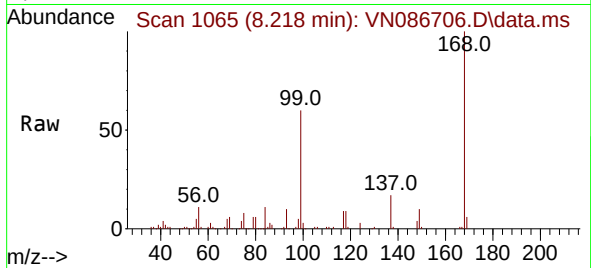
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
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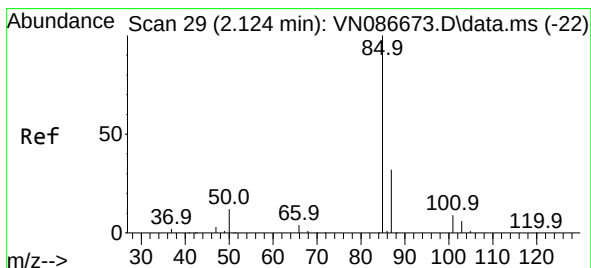
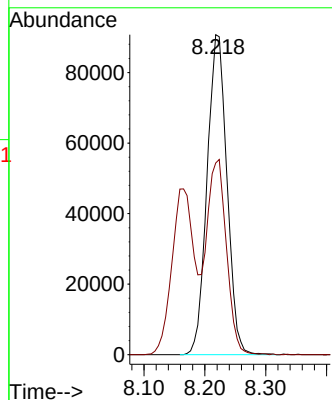
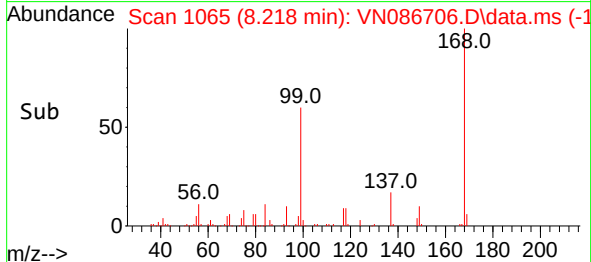
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 20537
Ion Ratio Lower Upper
168 100
99 59.9 47.0 70.4

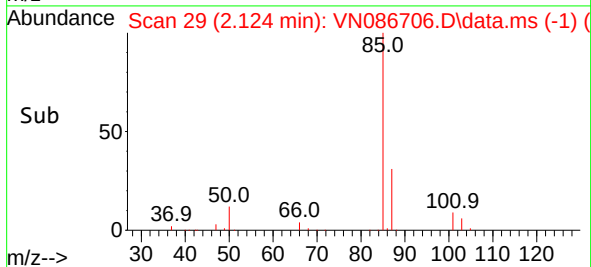
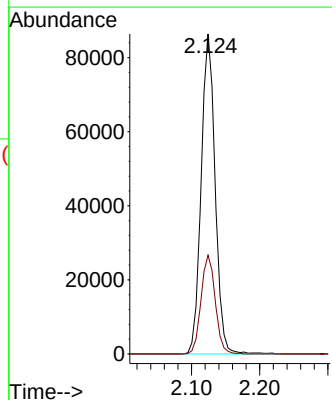
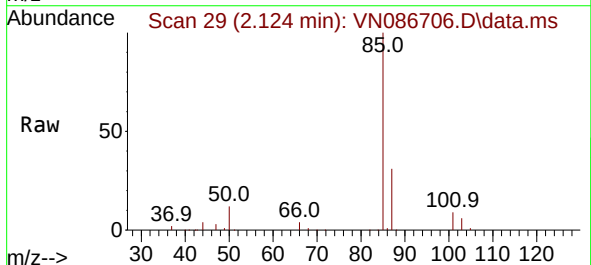
Manual Integrations
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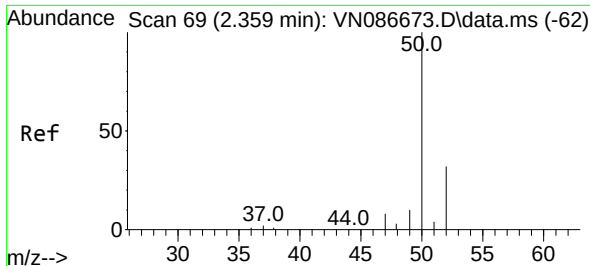
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#2
Dichlorodifluoromethane
Concen: 55.469 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

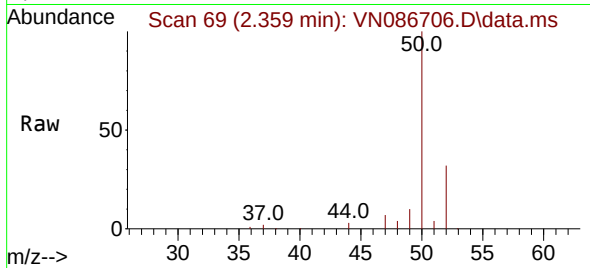
Tgt Ion: 85 Resp: 123023
Ion Ratio Lower Upper
85 100
87 30.9 15.9 47.6





#3
Chloromethane
Concen: 47.826 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

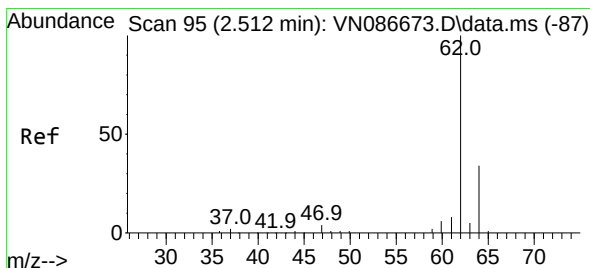
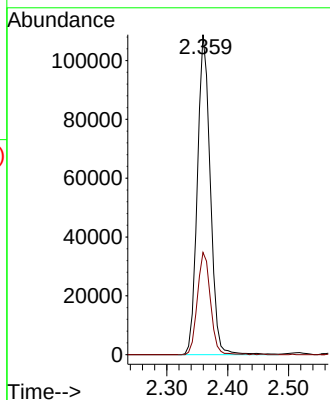
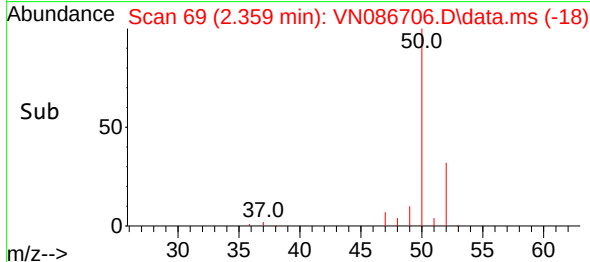
Instrument :
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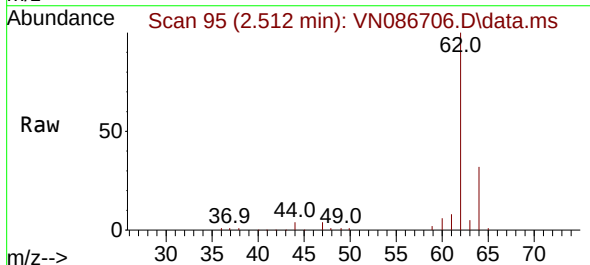
Tgt Ion: 50 Resp: 16043
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9

Manual Integrations
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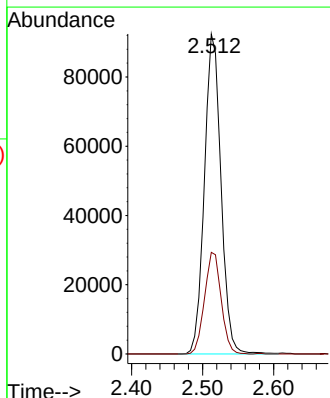
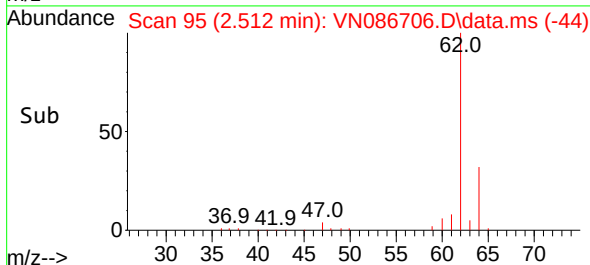
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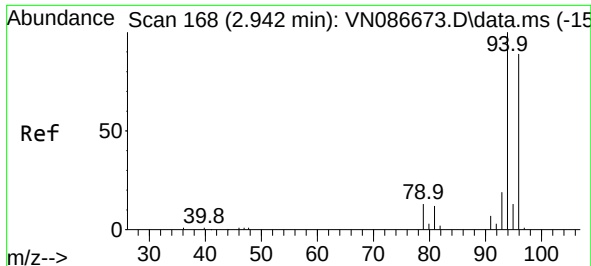


#4
Vinyl Chloride
Concen: 49.914 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



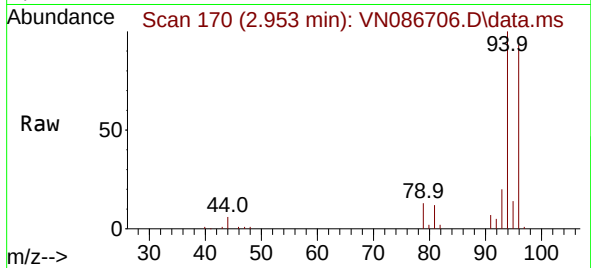
Tgt Ion: 62 Resp: 150377
Ion Ratio Lower Upper
62 100
64 31.8 26.9 40.3





#5
Bromomethane
Concen: 44.981 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

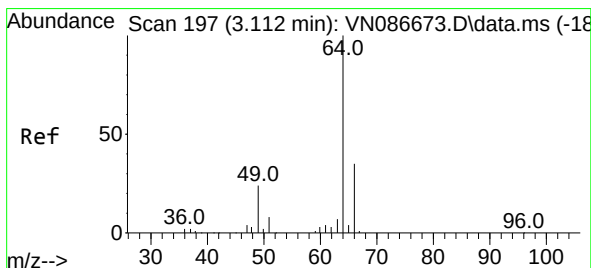
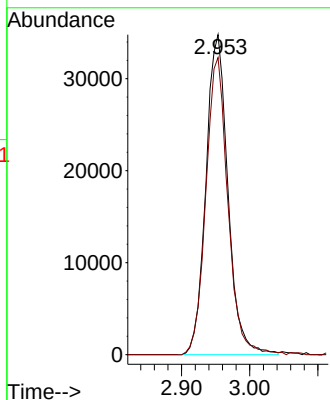
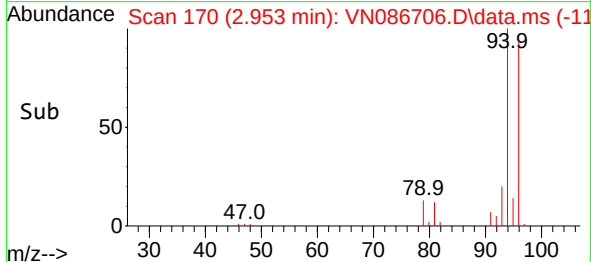
Instrument :
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Tgt Ion: 94 Resp: 7812
Ion Ratio Lower Upper
94 100
96 92.9 71.2 106.8

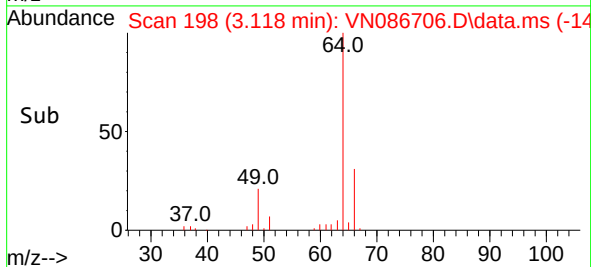
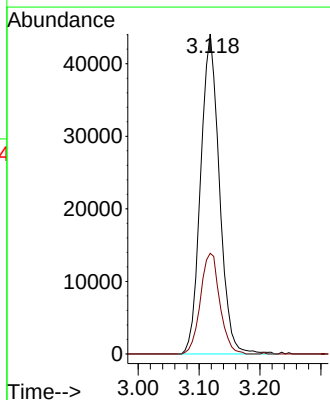
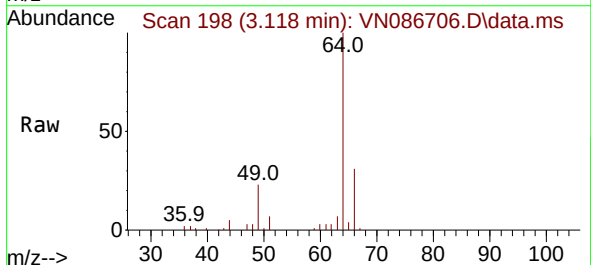
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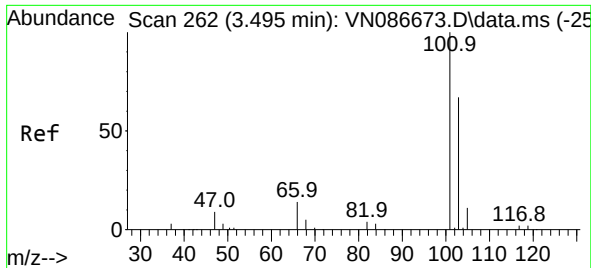
Reviewed By :John Carlone 05/21/2025
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#6
Chloroethane
Concen: 47.764 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

Tgt Ion: 64 Resp: 94267
Ion Ratio Lower Upper
64 100
66 31.5 27.7 41.5





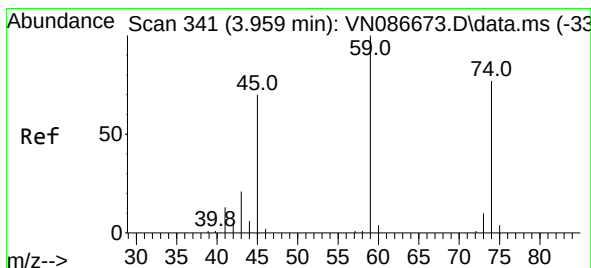
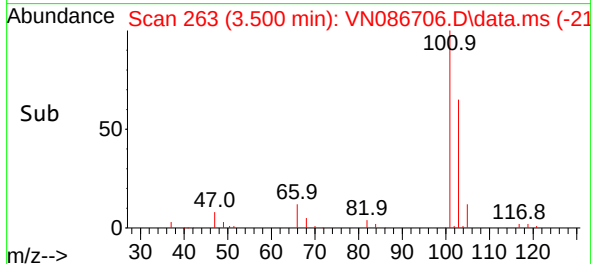
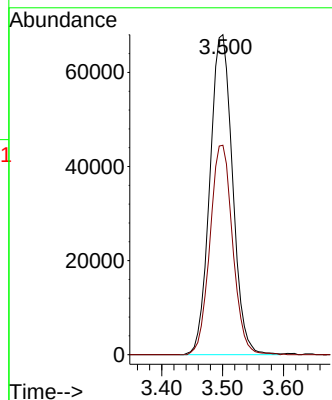
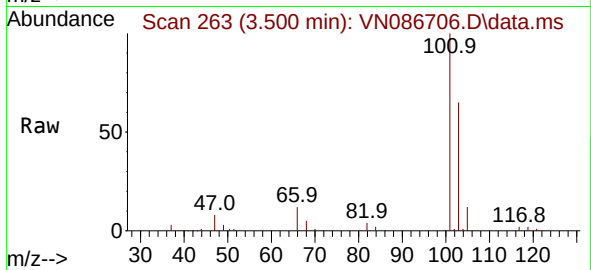
#7
Trichlorofluoromethane
Concen: 48.894 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 17603
Ion Ratio Lower Upper
101 100
103 65.5 53.4 80.0

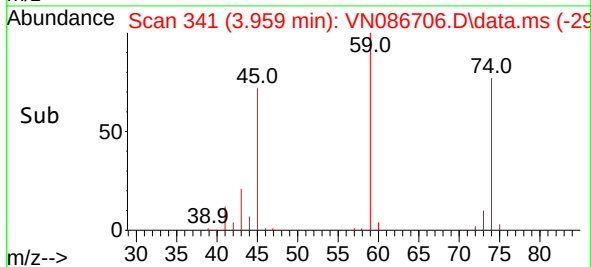
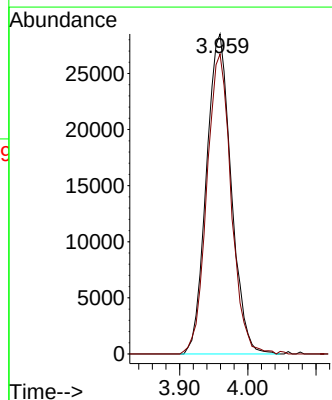
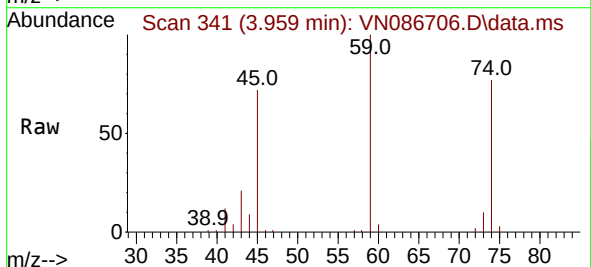
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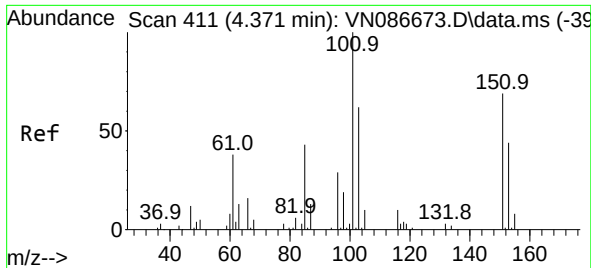
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#8
Diethyl Ether
Concen: 48.530 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

Tgt Ion: 74 Resp: 72181
Ion Ratio Lower Upper
74 100
45 92.1 45.0 135.0





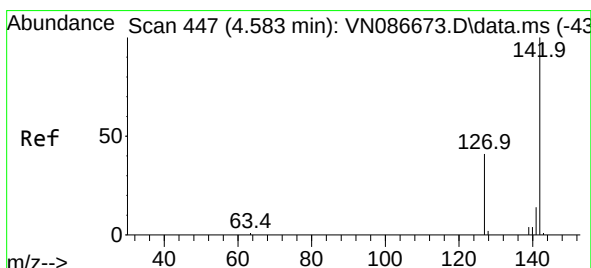
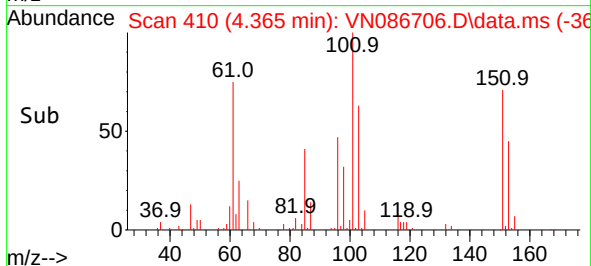
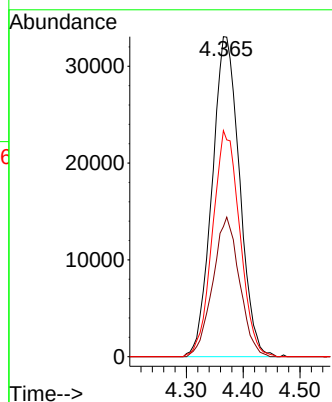
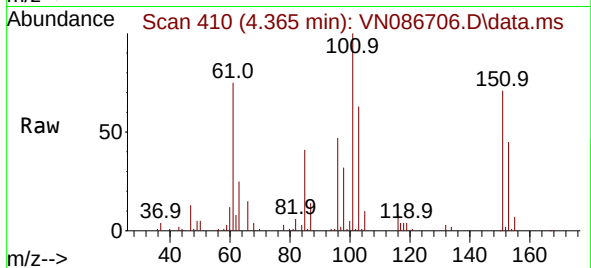
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.409 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11080
Ion Ratio Lower Upper
101 100
85 42.5 35.0 52.6
151 70.3 58.1 87.1

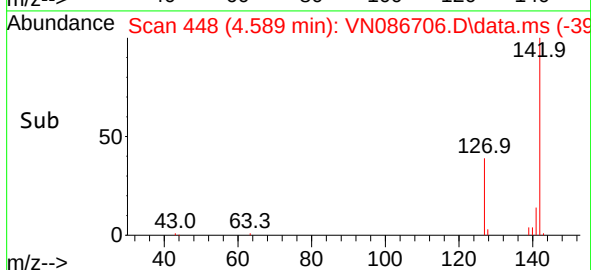
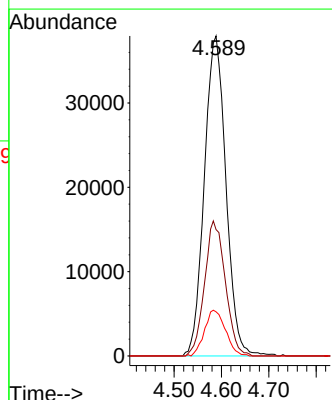
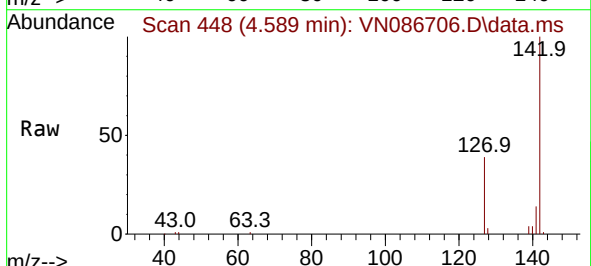
Manual Integrations
APPROVED

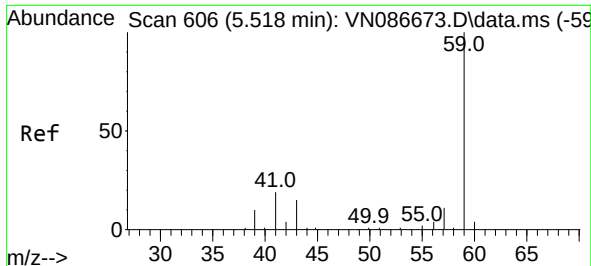
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#10
Methyl Iodide
Concen: 44.902 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

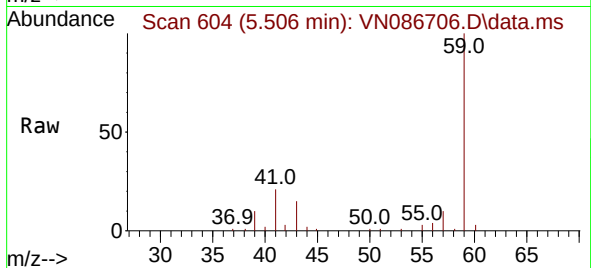
Tgt Ion:142 Resp: 120390
Ion Ratio Lower Upper
142 100
127 39.5 32.4 48.6
141 13.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 215.288 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

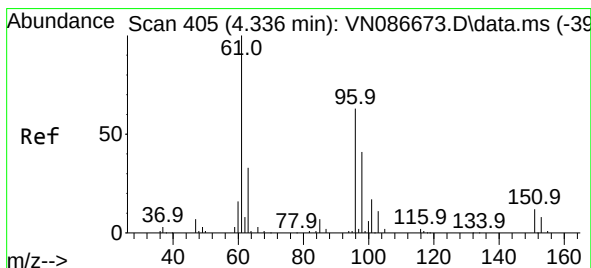
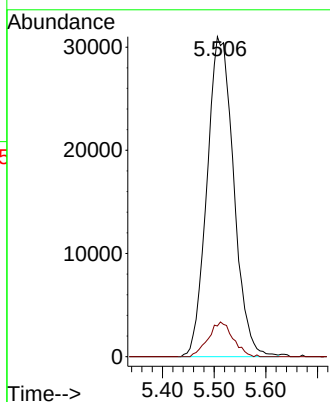
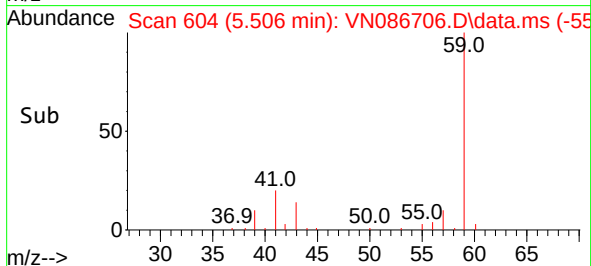
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



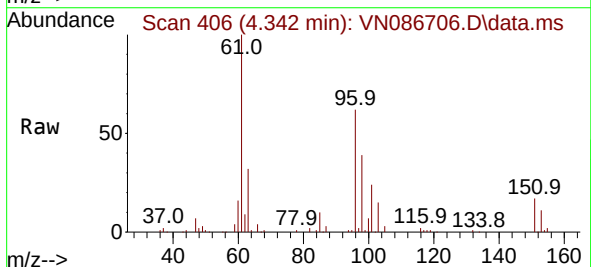
Tgt Ion: 59 Resp: 11127
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

Manual Integrations
APPROVED

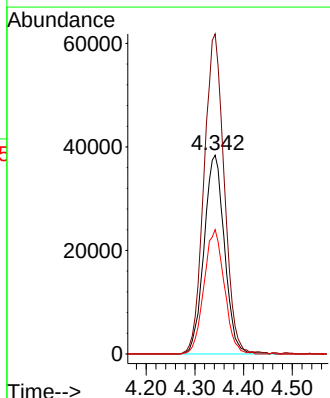
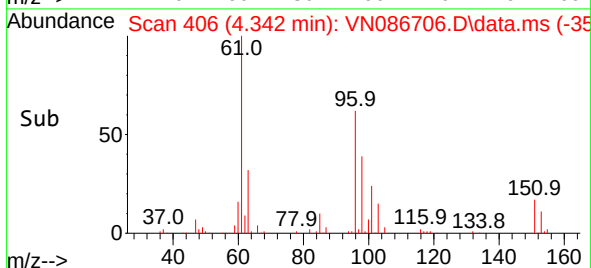
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

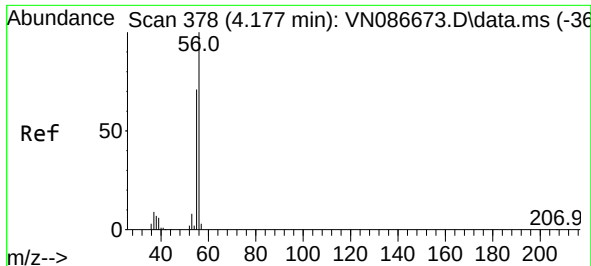


#12
1,1-Dichloroethene
Concen: 48.709 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



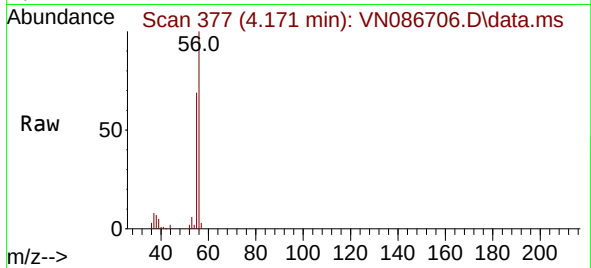
Tgt Ion: 96 Resp: 111576
Ion Ratio Lower Upper
96 100
61 161.0 126.2 189.2
98 62.5 51.5 77.3





#13
Acrolein
Concen: 220.713 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

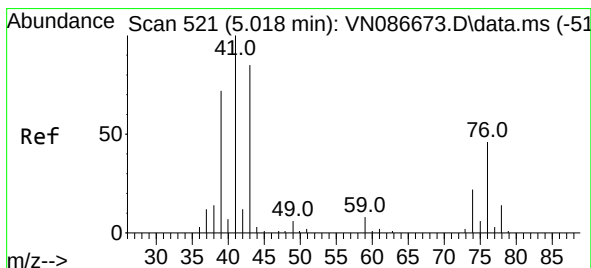
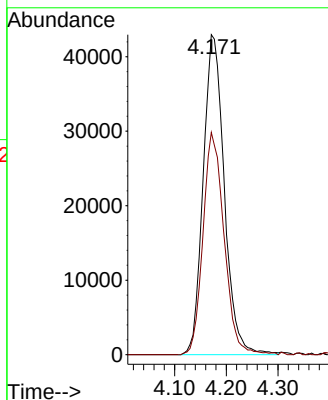
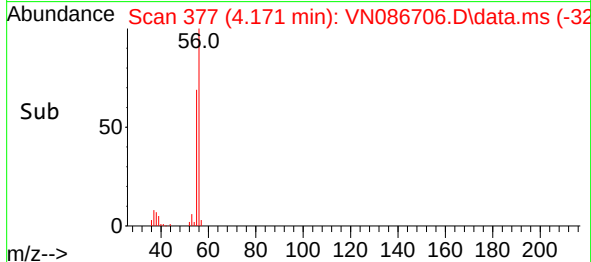
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 121949
Ion Ratio Lower Upper
56 100
55 69.3 55.7 83.5

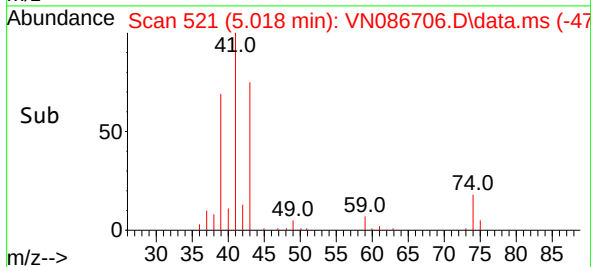
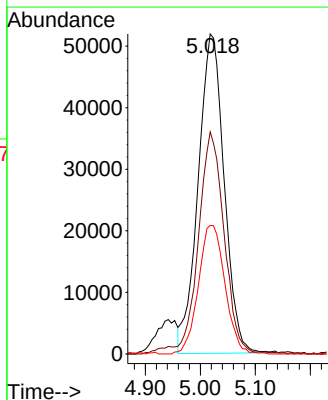
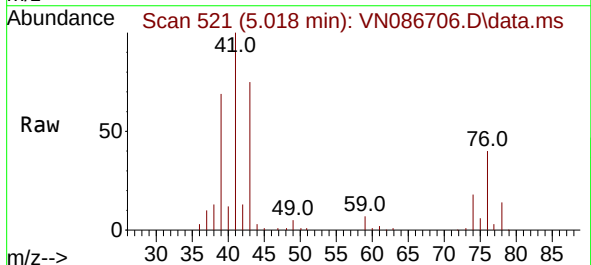
Manual Integrations
APPROVED

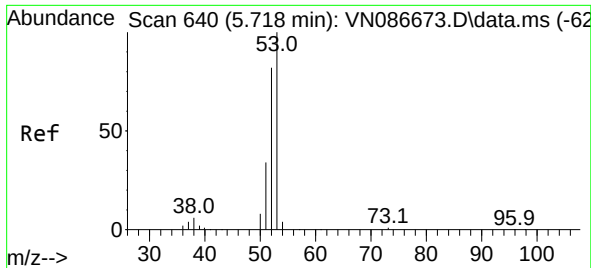
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#14
Allyl chloride
Concen: 49.198 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

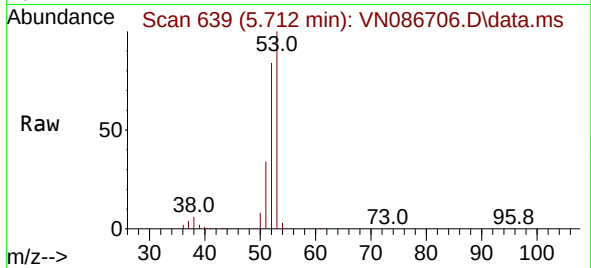
Tgt Ion: 41 Resp: 170578
Ion Ratio Lower Upper
41 100
39 69.9 57.4 86.0
76 41.1 33.2 49.8





#15
Acrylonitrile
Concen: 235.773 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

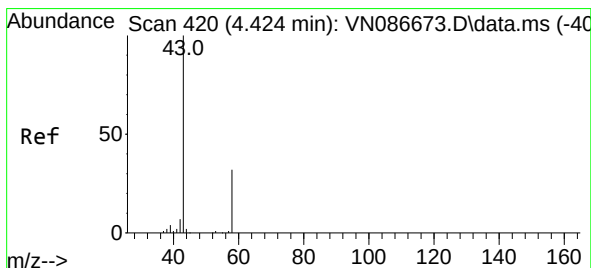
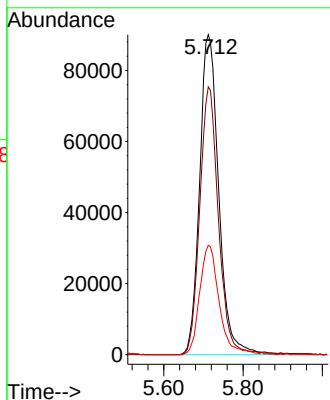
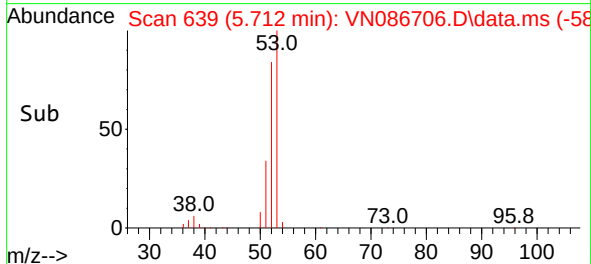
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



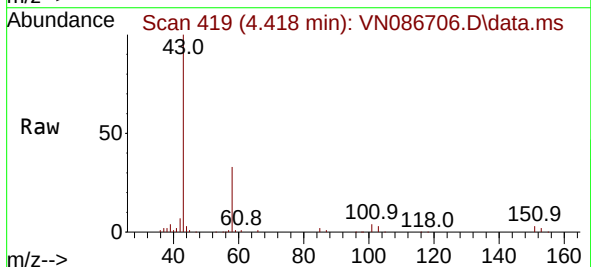
Tgt Ion: 53 Resp: 301719
Ion Ratio Lower Upper
53 100
52 81.8 65.4 98.2
51 34.7 27.9 41.9

Manual Integrations
APPROVED

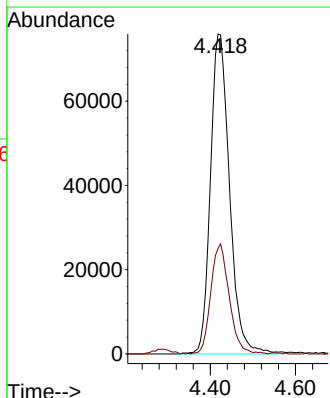
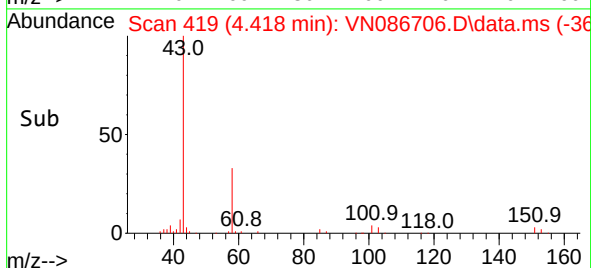
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

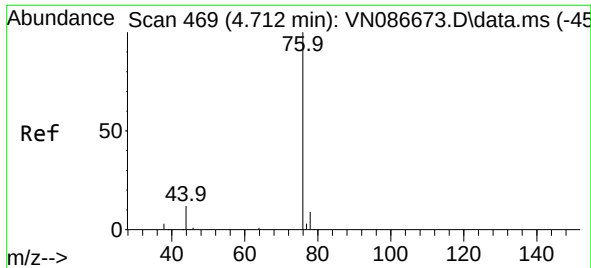


#16
Acetone
Concen: 222.413 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



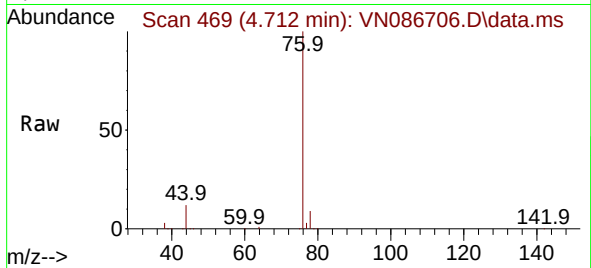
Tgt Ion: 43 Resp: 236104
Ion Ratio Lower Upper
43 100
58 32.7 25.8 38.6





#17
Carbon Disulfide
Concen: 49.912 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

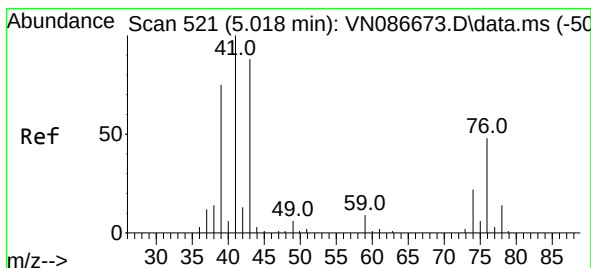
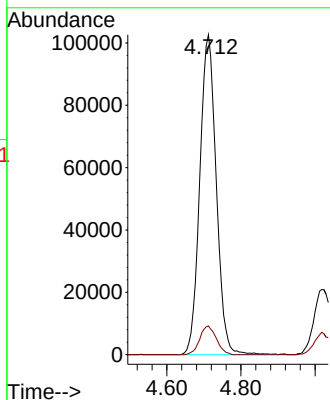
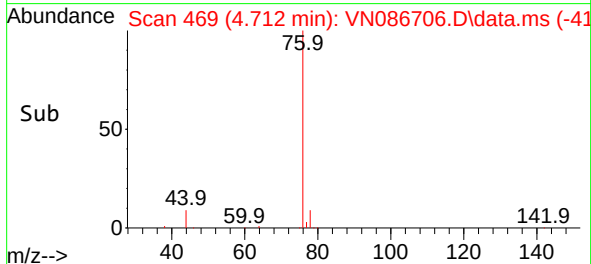
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



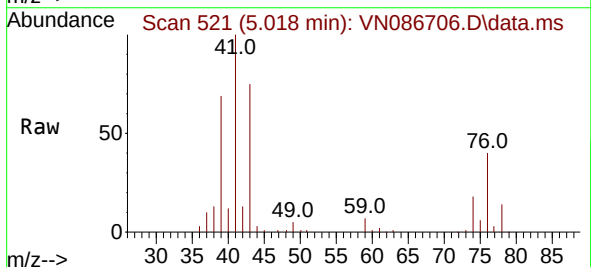
Tgt Ion: 76 Resp: 316544
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

Manual Integrations
APPROVED

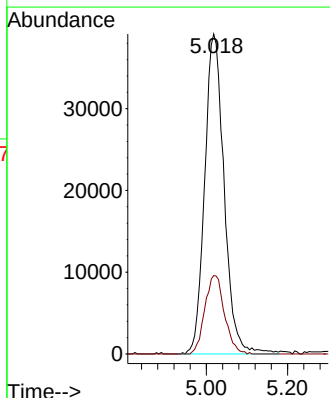
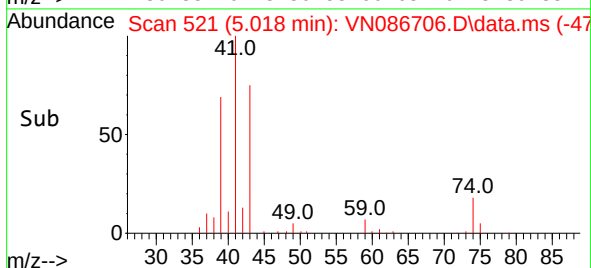
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

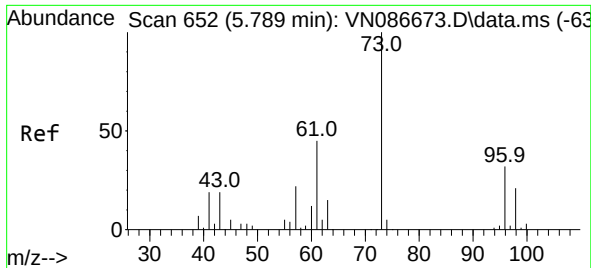


#18
Methyl Acetate
Concen: 43.732 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



Tgt Ion: 43 Resp: 129934
Ion Ratio Lower Upper
43 100
74 24.8 20.5 30.7





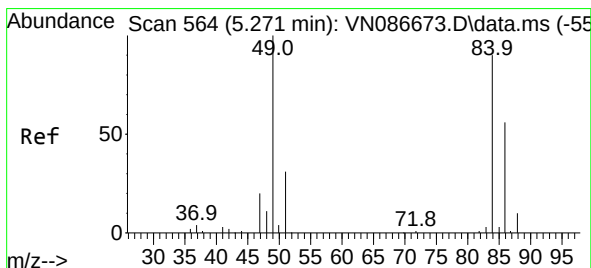
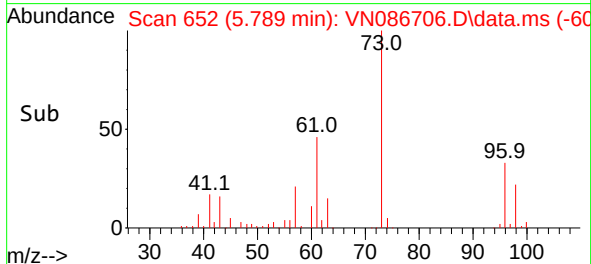
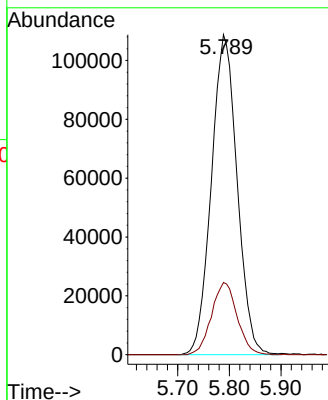
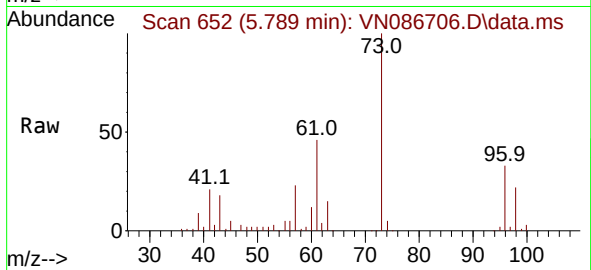
#19
Methyl tert-butyl Ether
Concen: 48.188 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 375850
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

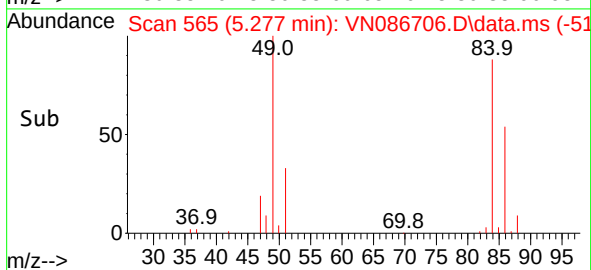
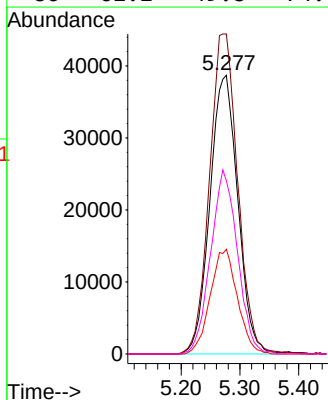
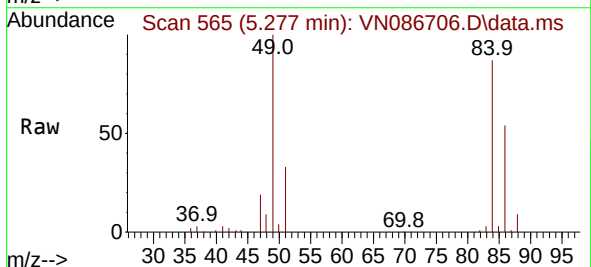
Manual Integrations
APPROVED

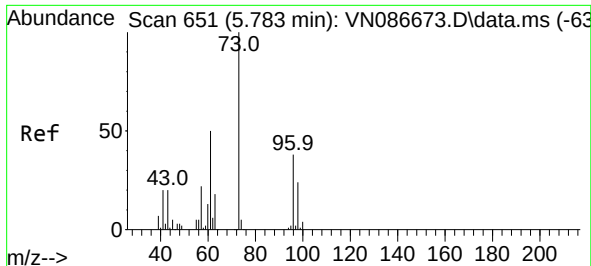
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 45.571 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

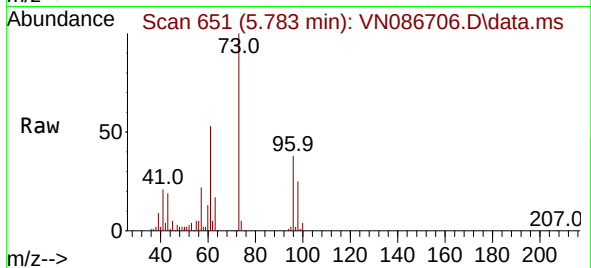
Tgt Ion: 84 Resp: 127658
Ion Ratio Lower Upper
84 100
49 114.8 88.8 133.2
51 37.5 27.8 41.6
86 62.2 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 49.117 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

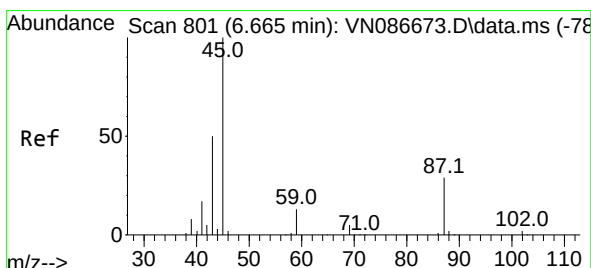
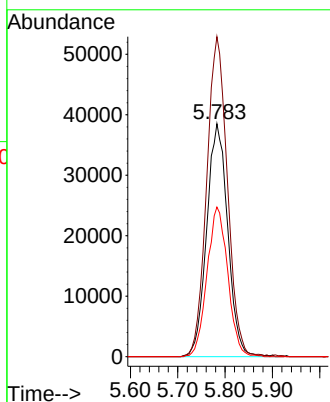
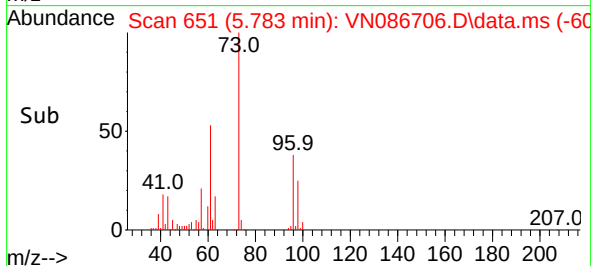
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



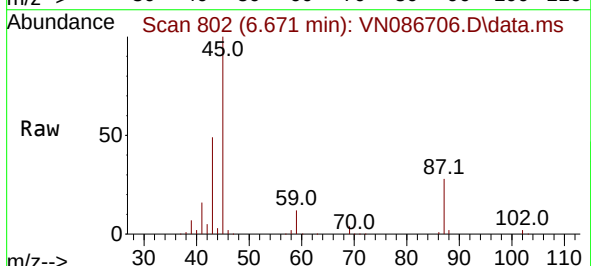
Tgt Ion: 96 Resp: 118950
Ion Ratio Lower Upper
96 100
61 137.3 105.7 158.5
98 64.2 51.0 76.6

Manual Integrations
APPROVED

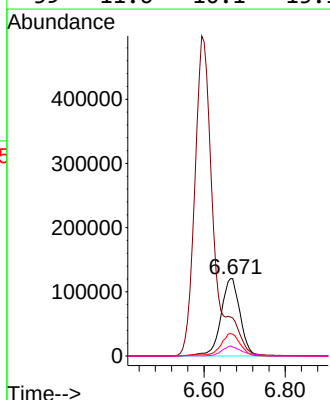
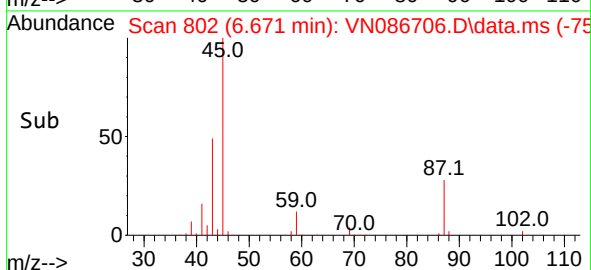
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

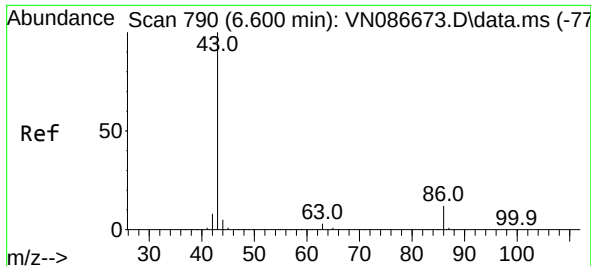


#22
Diisopropyl ether
Concen: 50.325 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



Tgt Ion: 45 Resp: 393646
Ion Ratio Lower Upper
45 100
43 48.3 41.4 62.2
87 28.3 22.9 34.3
59 11.6 10.1 15.1





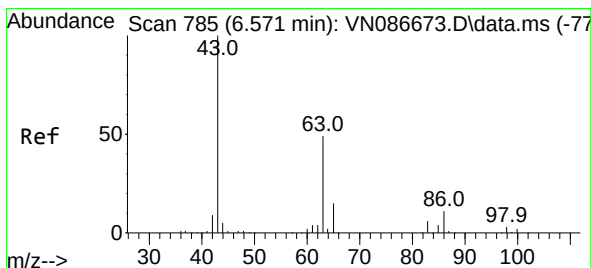
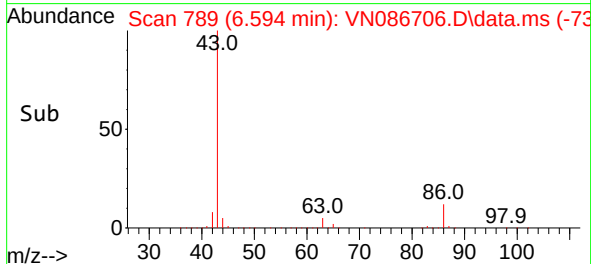
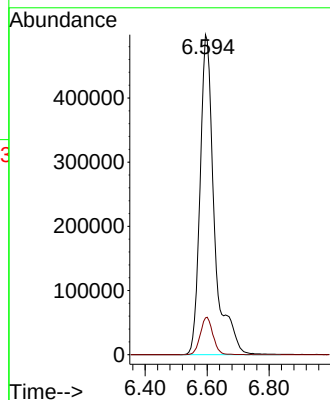
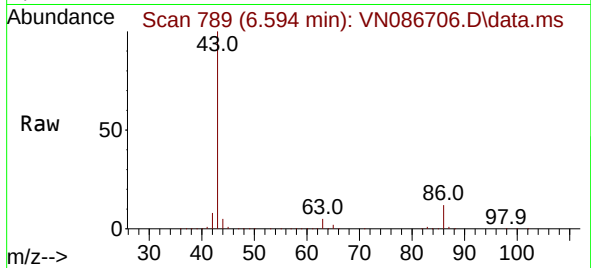
#23
 Vinyl Acetate
 Concen: 271.062 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086706.D
 Acq: 20 May 2025 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 159351
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.5 14.3

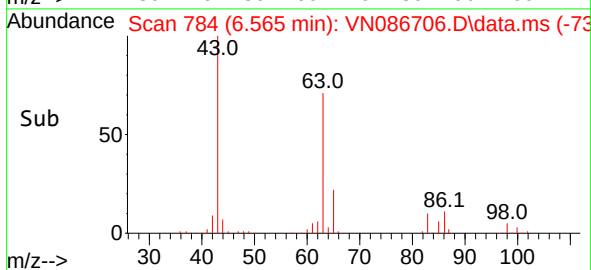
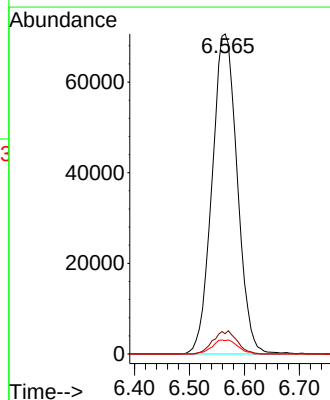
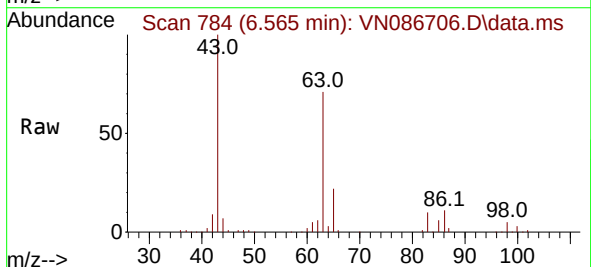
Manual Integrations
 APPROVED

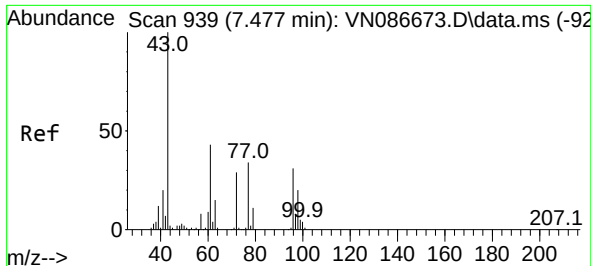
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#24
 1,1-Dichloroethane
 Concen: 48.939 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086706.D
 Acq: 20 May 2025 10:10

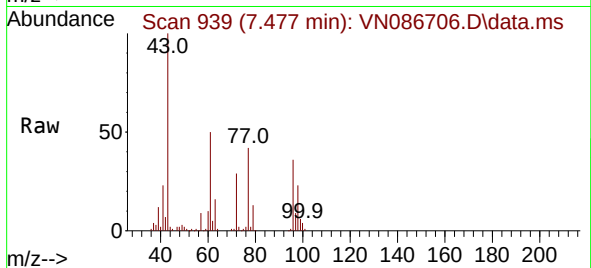
Tgt Ion: 63 Resp: 224751
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.1 2.4 7.1





#25
2-Butanone
Concen: 229.031 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

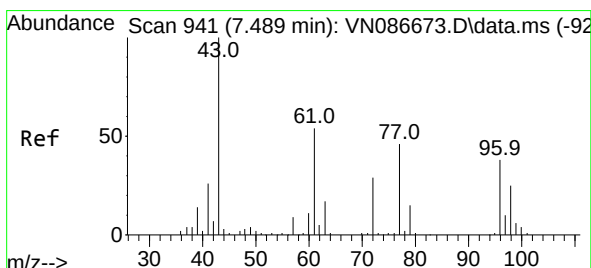
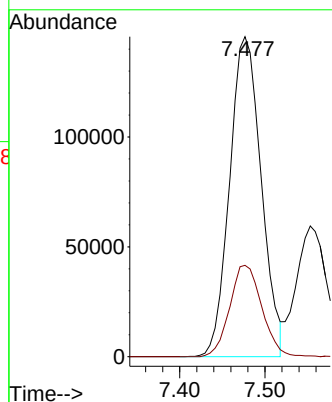
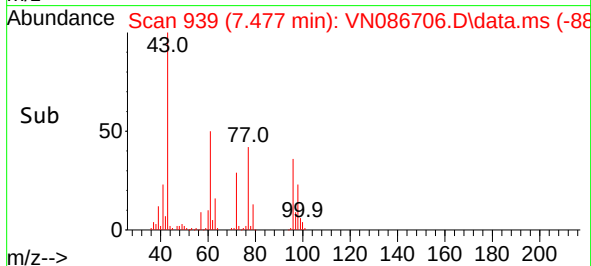
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 375702
Ion Ratio Lower Upper
43 100
72 28.5 23.1 34.7

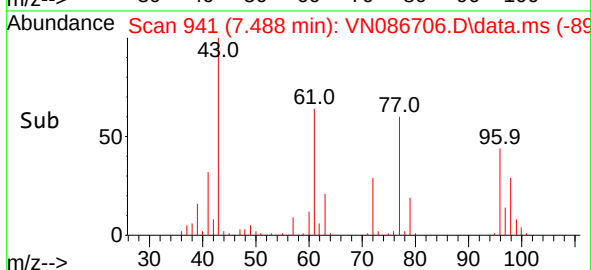
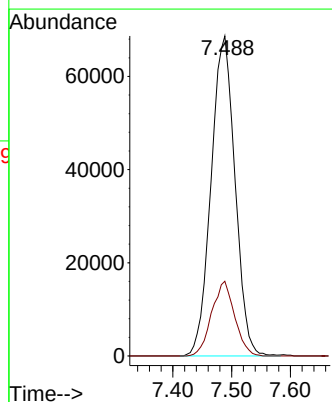
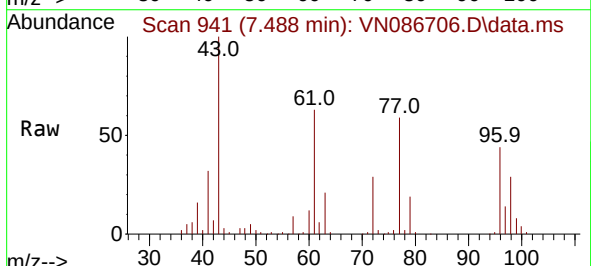
Manual Integrations
APPROVED

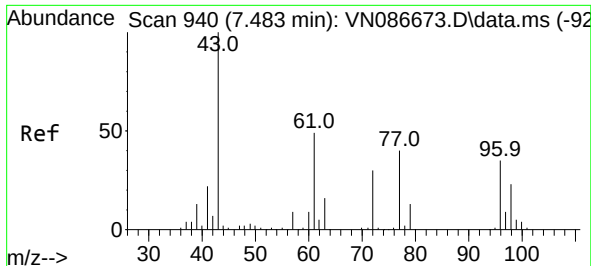
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#26
2,2-Dichloropropane
Concen: 51.240 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

Tgt Ion: 77 Resp: 194194
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 47.936 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN086706.D

Acq: 20 May 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 142500

Ion Ratio Lower Upper

96 100

61 144.0 0.0 277.4

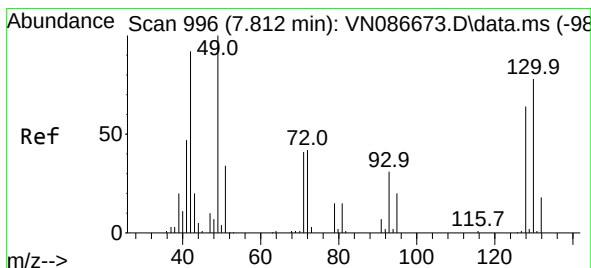
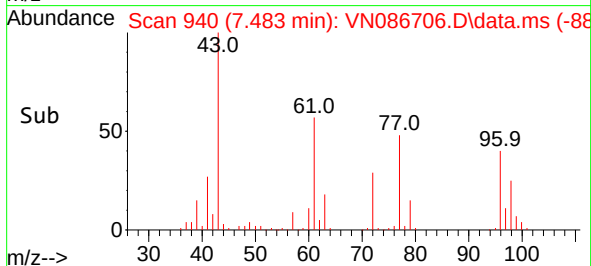
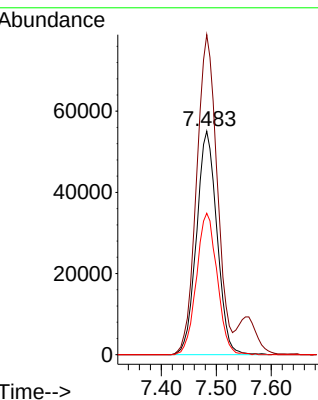
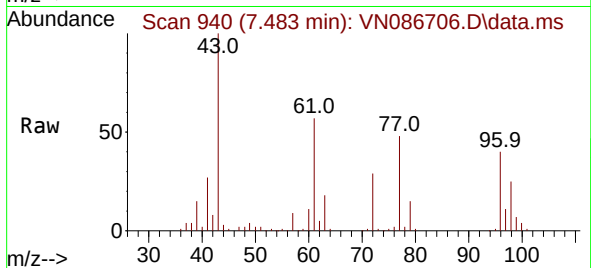
98 64.1 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#28

Bromochloromethane

Concen: 50.299 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN086706.D

Acq: 20 May 2025 10:10

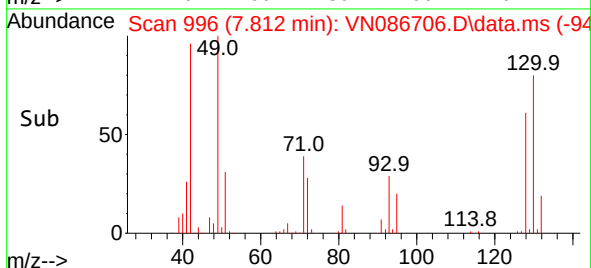
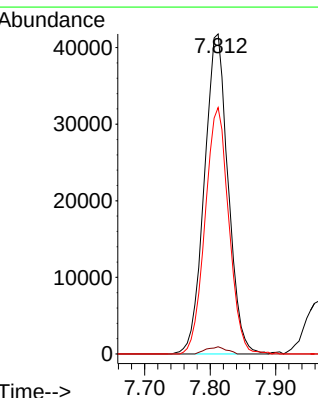
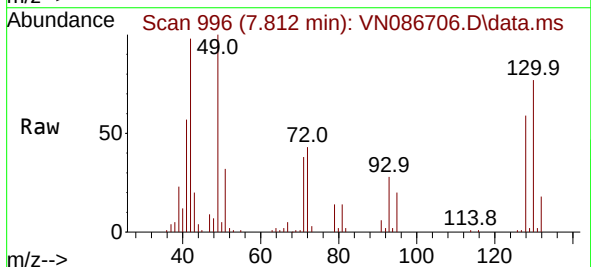
Tgt Ion: 49 Resp: 104951

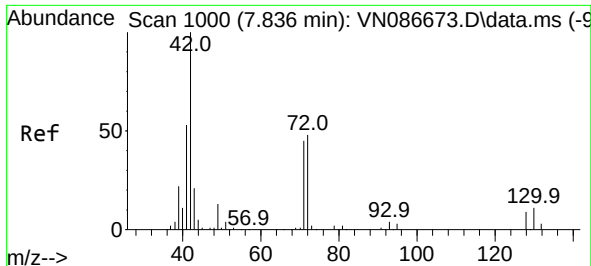
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 76.8 62.2 93.4





#29

Tetrahydrofuran

Concen: 233.837 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086706.D

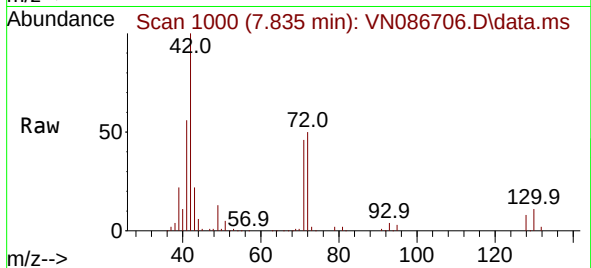
Acq: 20 May 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



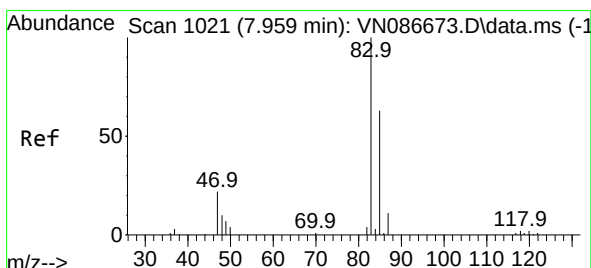
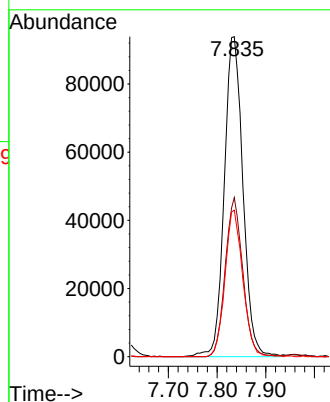
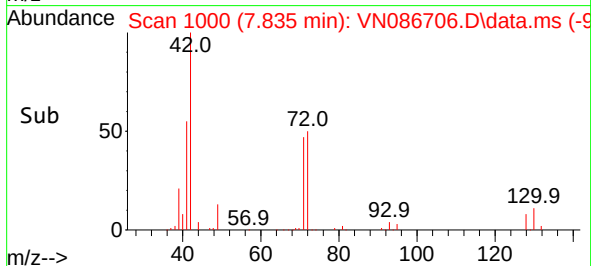
Tgt Ion:	42	Resp:	250372
Ion Ratio	100	Lower	Upper
42	100		
72	46.7	38.7	58.1
71	43.8	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#30

Chloroform

Concen: 47.660 ug/l

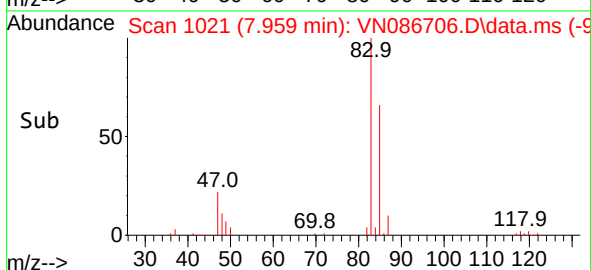
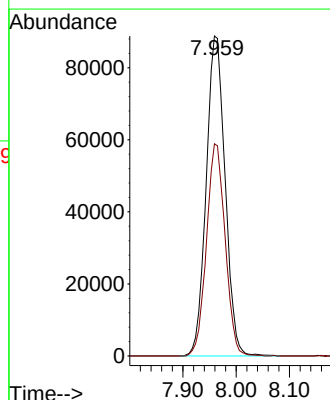
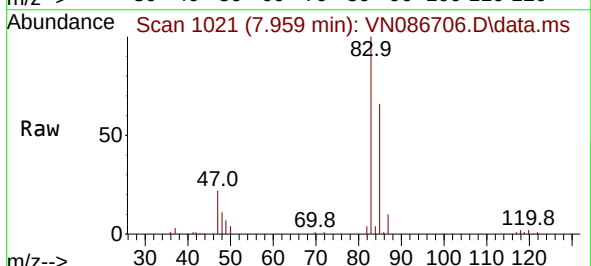
RT: 7.959 min Scan# 1021

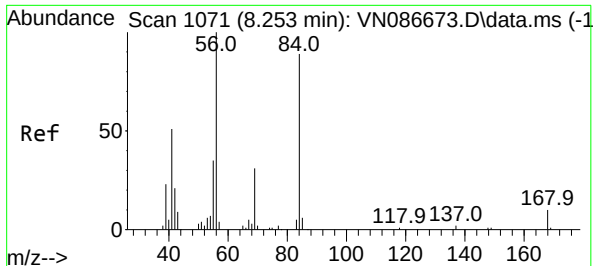
Delta R.T. -0.000 min

Lab File: VN086706.D

Acq: 20 May 2025 10:10

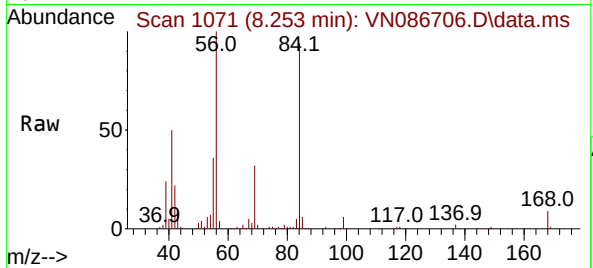
Tgt Ion:	83	Resp:	219075
Ion Ratio	100	Lower	Upper
83	100		
85	66.3	50.2	75.4





#31
Cyclohexane
Concen: 47.221 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

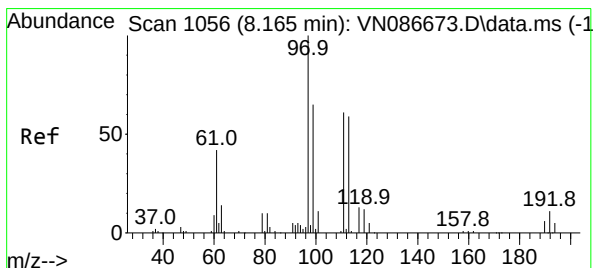
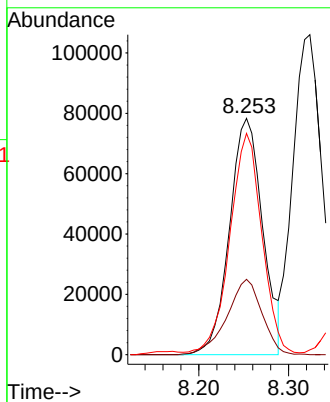
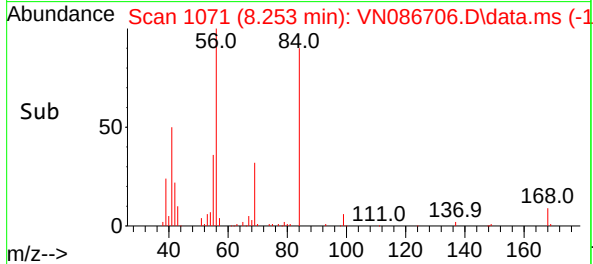
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



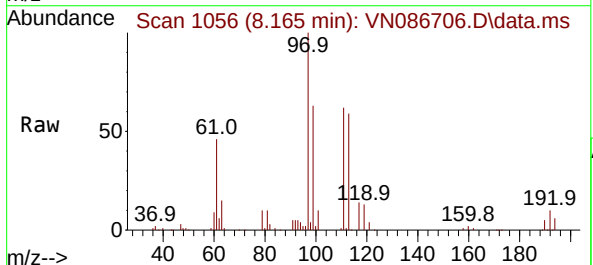
Tgt Ion: 56 Resp: 20112
Ion Ratio Lower Upper
56 100
69 31.6 25.0 37.6
84 92.5 71.0 106.4

Manual Integrations
APPROVED

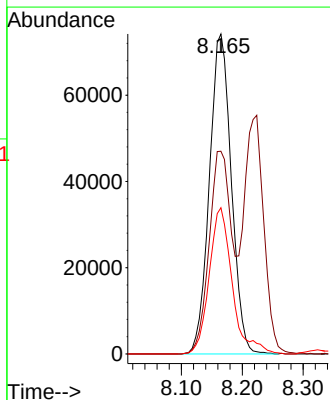
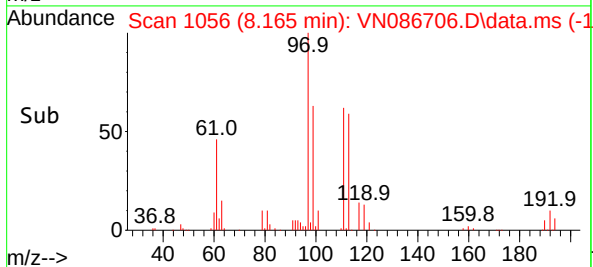
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

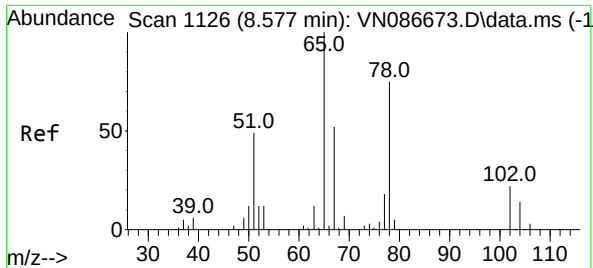


#32
1,1,1-Trichloroethane
Concen: 47.838 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



Tgt Ion: 97 Resp: 185397
Ion Ratio Lower Upper
97 100
99 63.1 52.6 79.0
61 48.0 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 49.530 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086706.D

Acq: 20 May 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14056

Ion Ratio Lower Upper

65 100

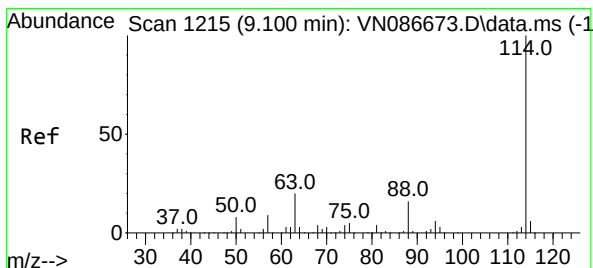
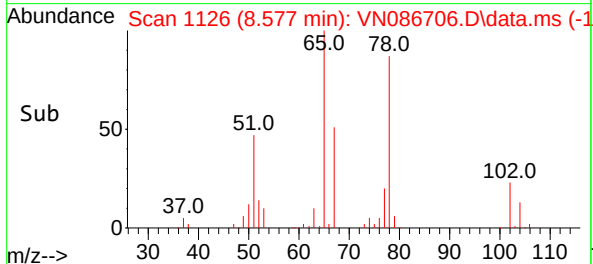
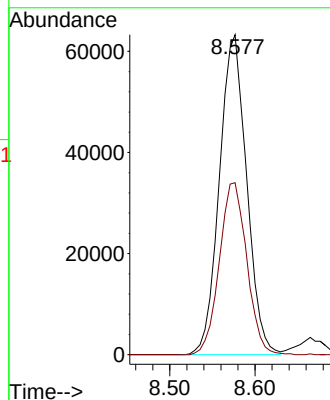
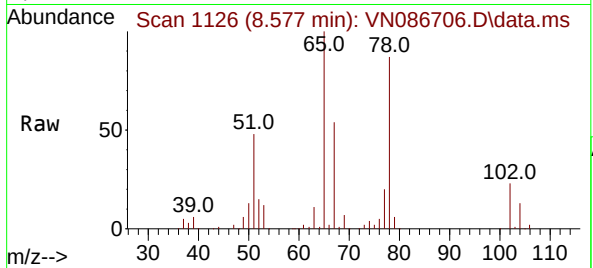
67 54.1 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086706.D

Acq: 20 May 2025 10:10

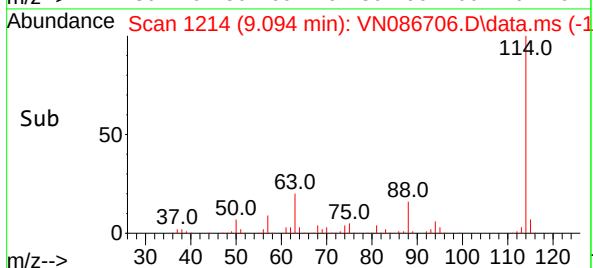
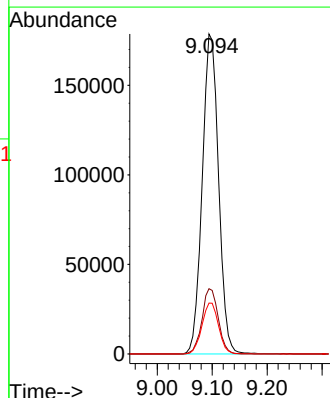
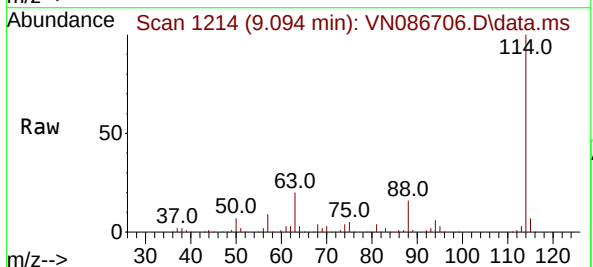
Tgt Ion:114 Resp: 368766

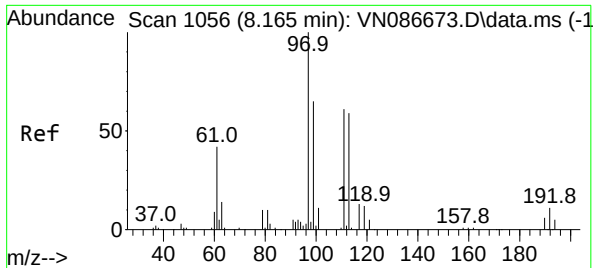
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

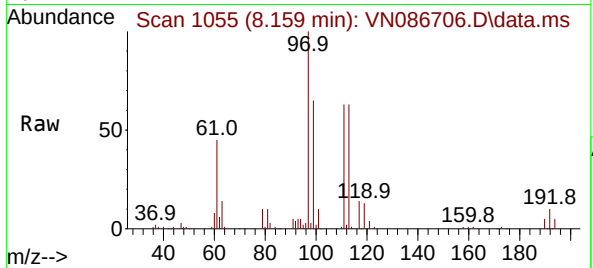
88 15.9 0.0 31.2





#35
Dibromofluoromethane
Concen: 49.779 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

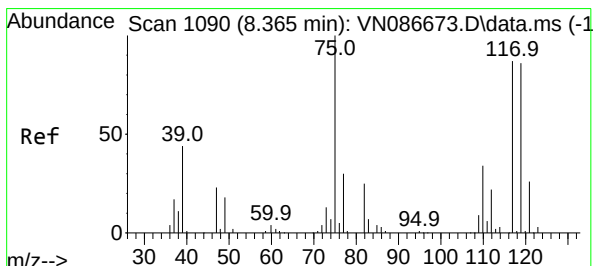
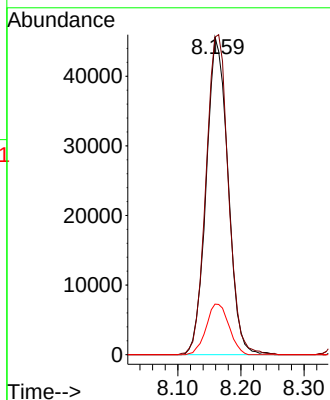
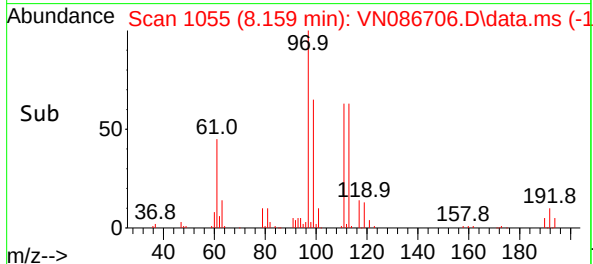
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



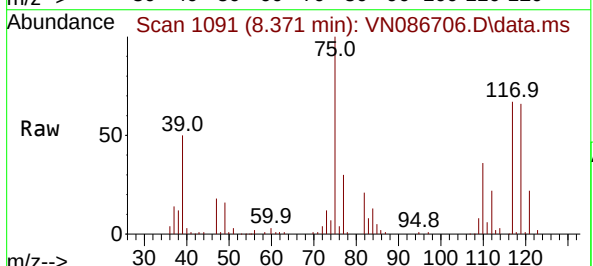
Tgt Ion:113 Resp: 10932
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 16.7 13.8 20.8

Manual Integrations
APPROVED

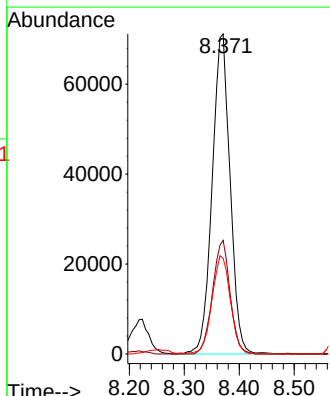
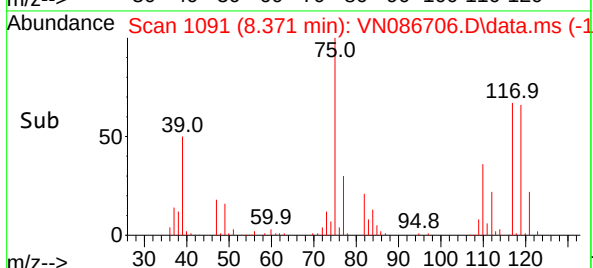
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

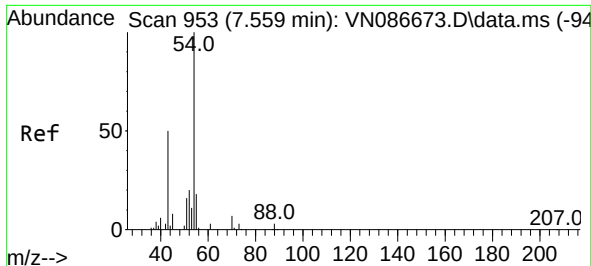


#36
1,1-Dichloropropene
Concen: 49.773 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



Tgt Ion: 75 Resp: 161235
Ion Ratio Lower Upper
75 100
110 34.7 17.5 52.5
77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 46.200 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086706.D

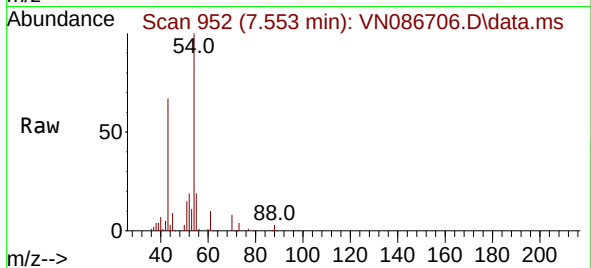
Acq: 20 May 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 151180

Ion Ratio Lower Upper

43 100

61 13.2 11.6 17.4

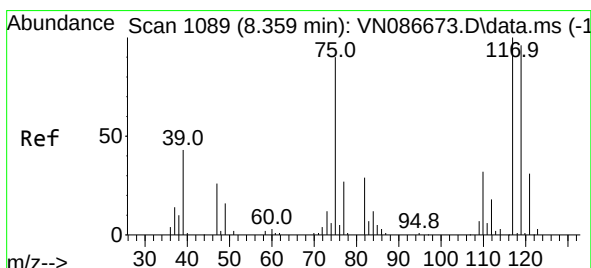
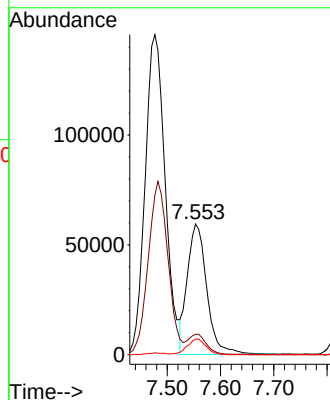
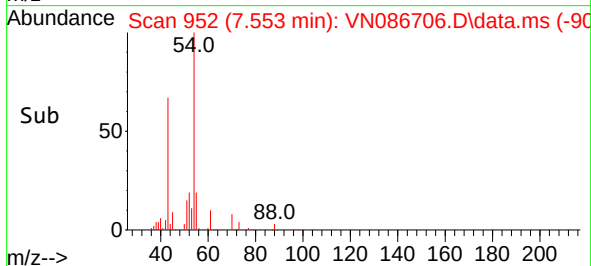
70 11.6 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#38

Carbon Tetrachloride

Concen: 49.442 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086706.D

Acq: 20 May 2025 10:10

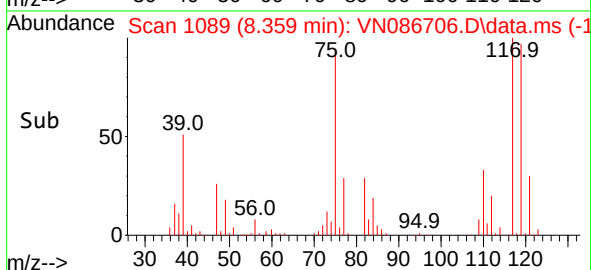
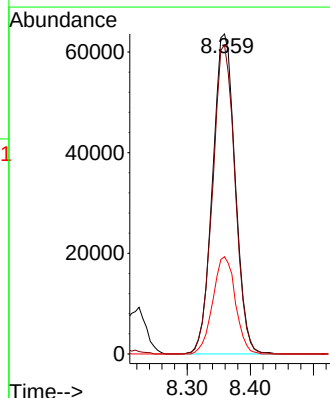
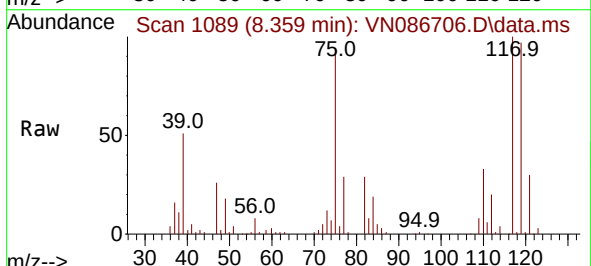
Tgt Ion:117 Resp: 157806

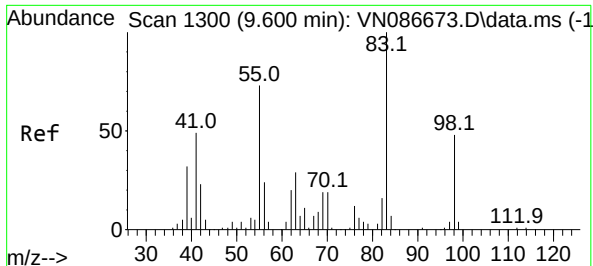
Ion Ratio Lower Upper

117 100

119 96.5 77.0 115.6

121 30.4 25.0 37.6





#39

Methylcyclohexane

Concen: 52.228 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086706.D

Acq: 20 May 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 183114

Ion Ratio Lower Upper

83 100

55 72.7 58.2 87.4

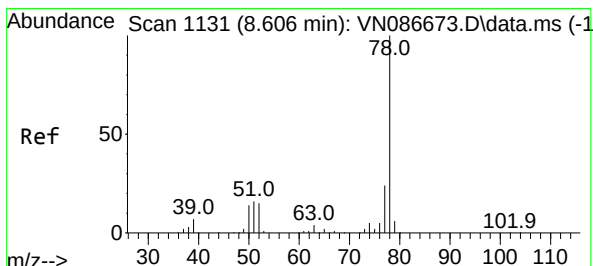
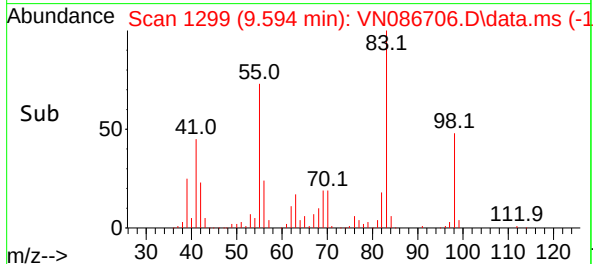
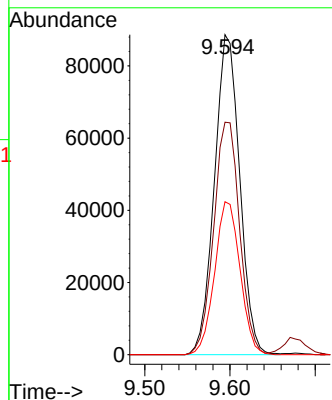
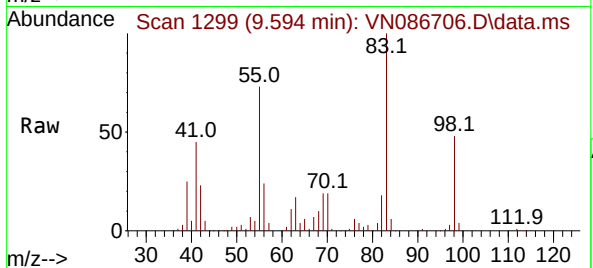
98 47.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#40

Benzene

Concen: 48.802 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086706.D

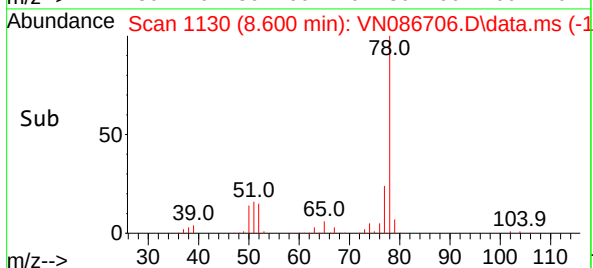
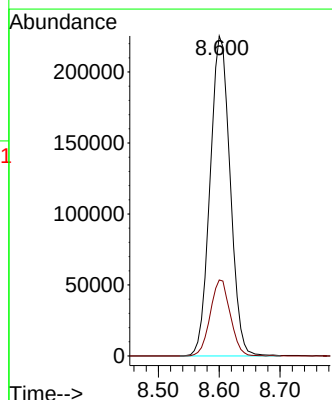
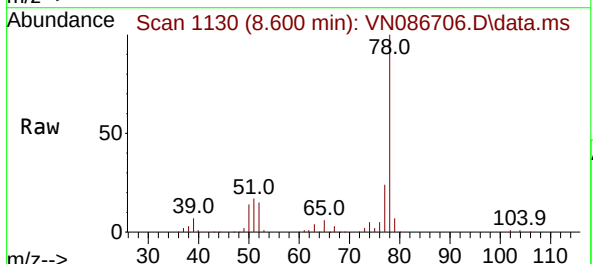
Acq: 20 May 2025 10:10

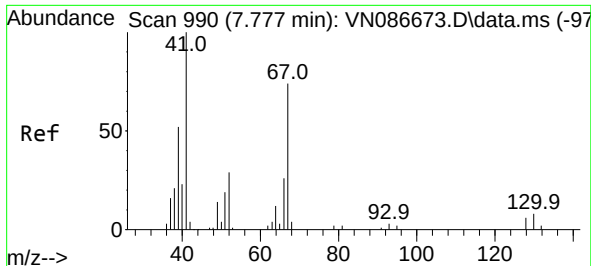
Tgt Ion: 78 Resp: 515713

Ion Ratio Lower Upper

78 100

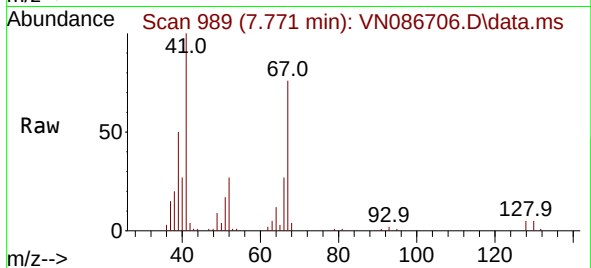
77 23.8 19.1 28.7





#41
Methacrylonitrile
Concen: 48.089 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

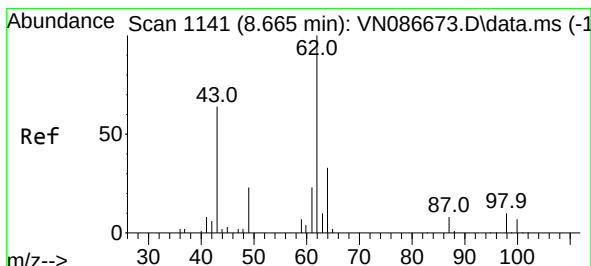
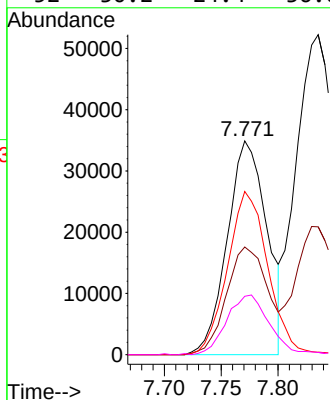
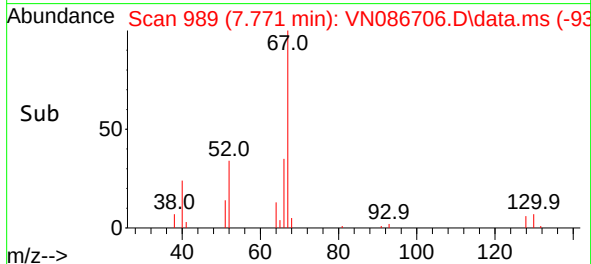
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	84964
Ion Ratio	Lower	Upper	
41	100		
39	52.1	44.9	67.3
67	77.8	63.4	95.0
52	30.2	24.4	36.6

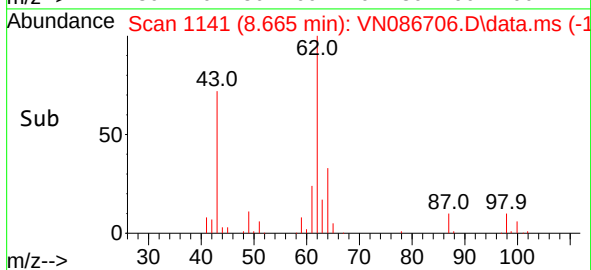
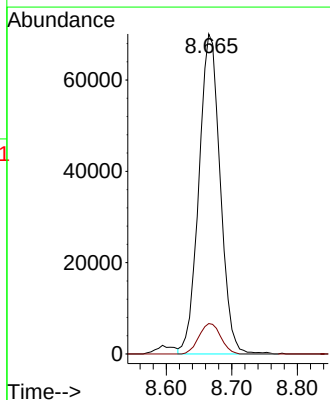
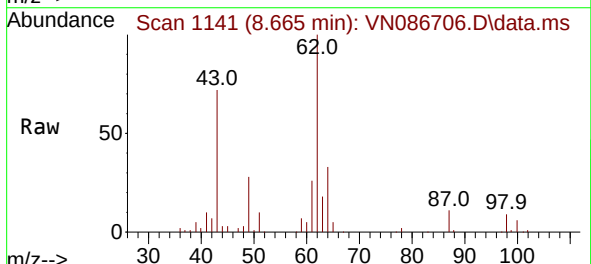
Manual Integrations
APPROVED

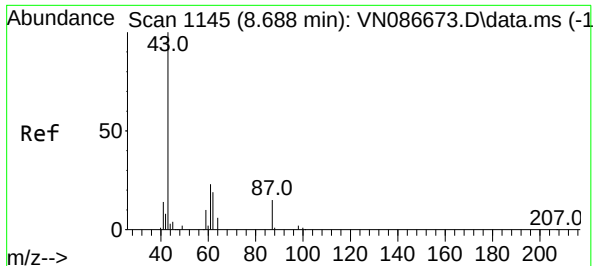
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#42
1,2-Dichloroethane
Concen: 48.118 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

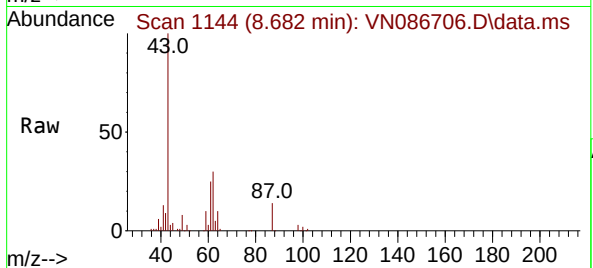
Tgt Ion:	62	Resp:	158419
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	19.2





#43
Isopropyl Acetate
Concen: 41.558 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

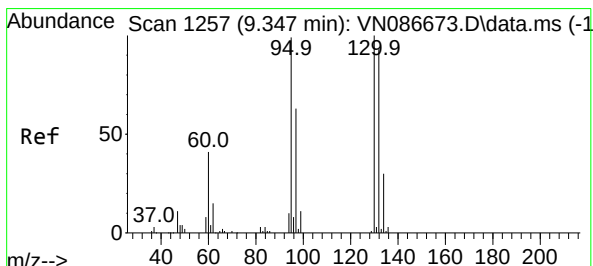
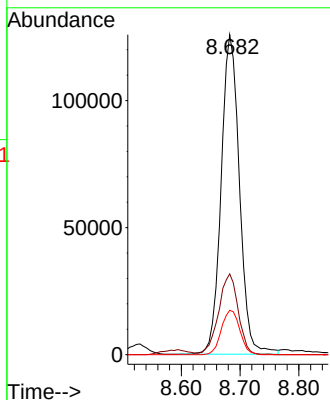
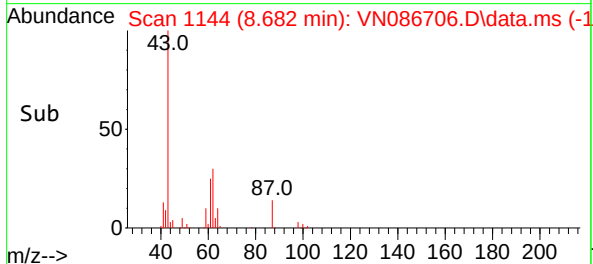
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 272620
Ion Ratio Lower Upper
43 100
61 27.1 21.4 32.2
87 13.9 11.1 16.7

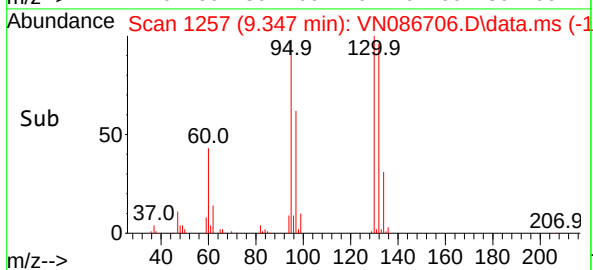
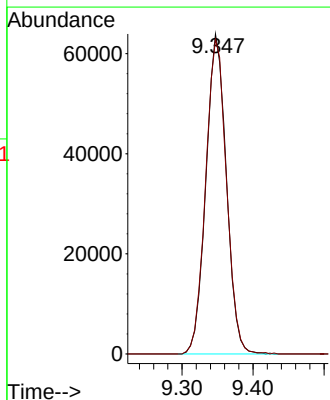
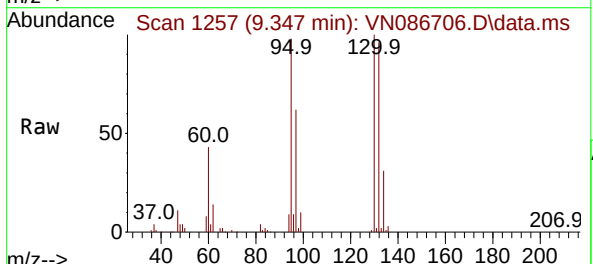
Manual Integrations
APPROVED

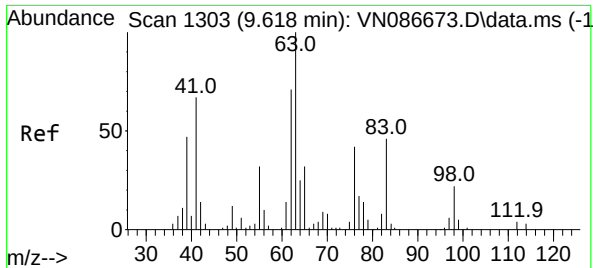
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#44
Trichloroethene
Concen: 50.034 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

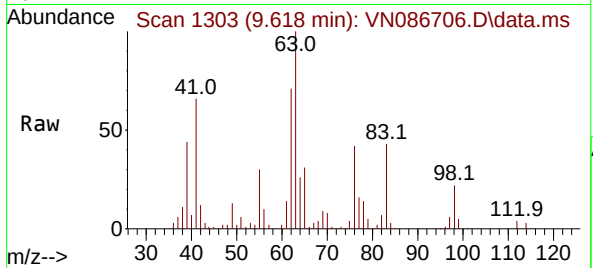
Tgt Ion:130 Resp: 127528
Ion Ratio Lower Upper
130 100
95 98.3 0.0 197.0





#45
1,2-Dichloropropane
Concen: 50.316 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

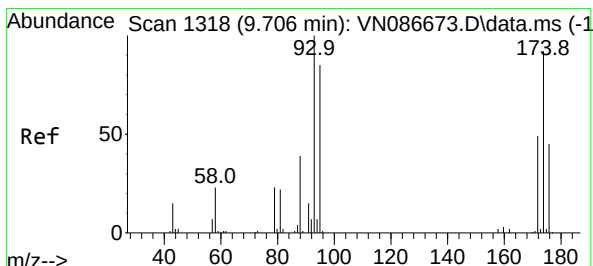
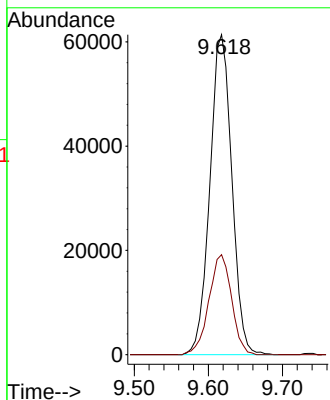
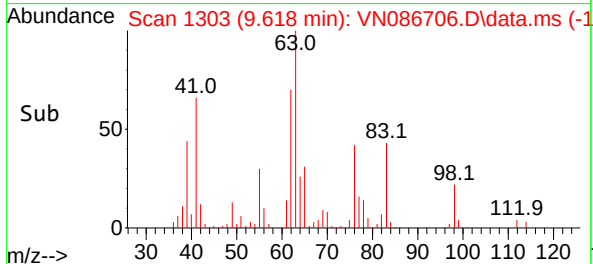
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



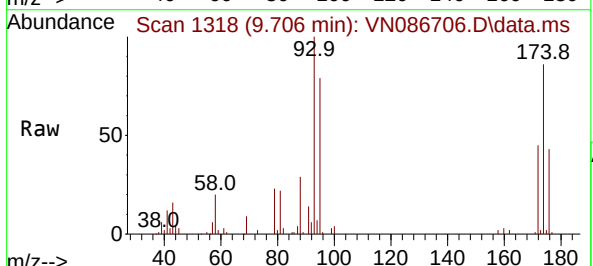
Tgt Ion: 63 Resp: 126312
Ion Ratio Lower Upper
63 100
65 31.2 25.8 38.6

Manual Integrations
APPROVED

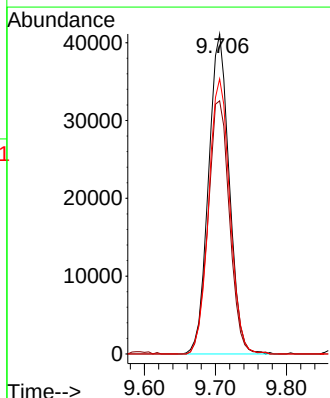
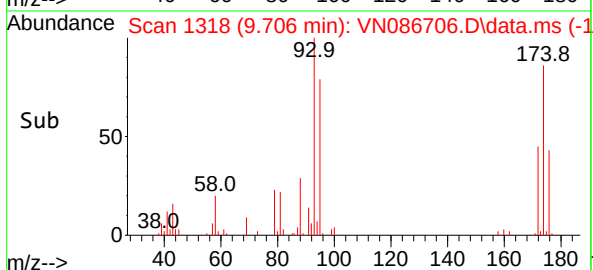
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

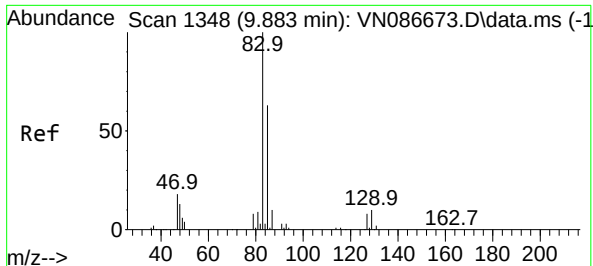


#46
Dibromomethane
Concen: 49.196 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



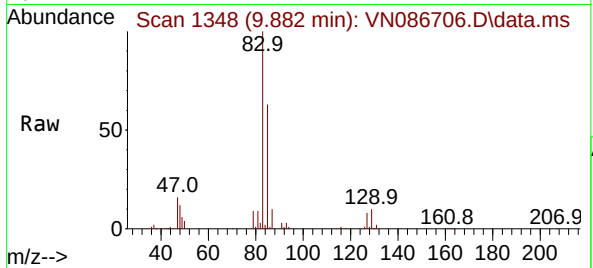
Tgt Ion: 93 Resp: 83334
Ion Ratio Lower Upper
93 100
95 81.6 67.1 100.7
174 87.7 73.8 110.6





#47
Bromodichloromethane
Concen: 49.519 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

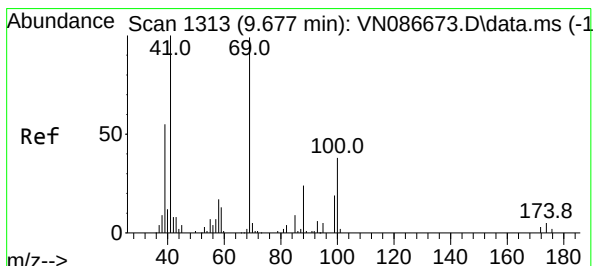
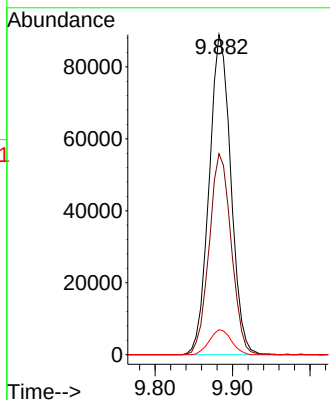
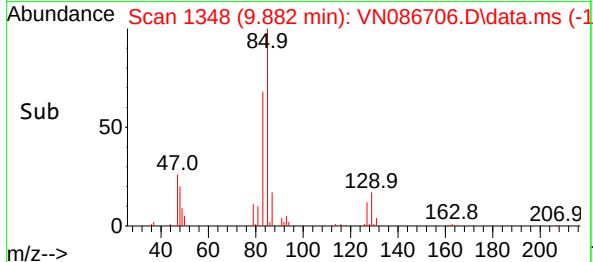
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



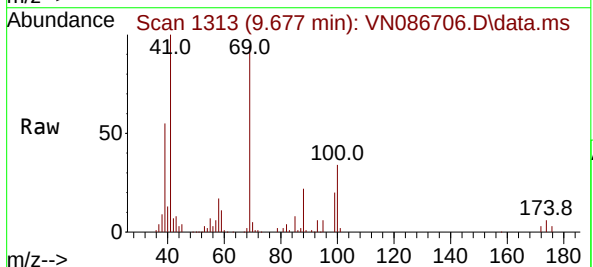
Tgt Ion: 83 Resp: 17283
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 7.8 6.2 9.4

Manual Integrations
APPROVED

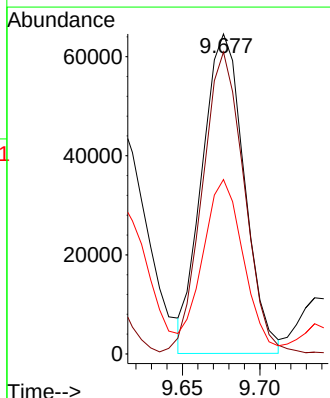
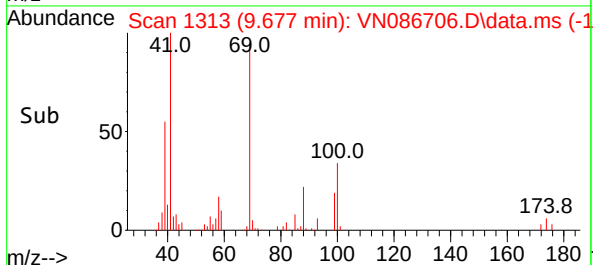
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

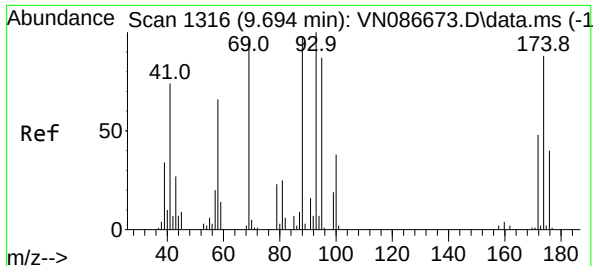


#48
Methyl methacrylate
Concen: 48.057 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



Tgt Ion: 41 Resp: 122159
Ion Ratio Lower Upper
41 100
69 94.2 74.1 111.1
39 53.2 44.1 66.1





#49

1,4-Dioxane

Concen: 949.005 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086706.D

Acq: 20 May 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5108

Ion Ratio Lower Upper

88 100

43 25.6 23.6 35.4

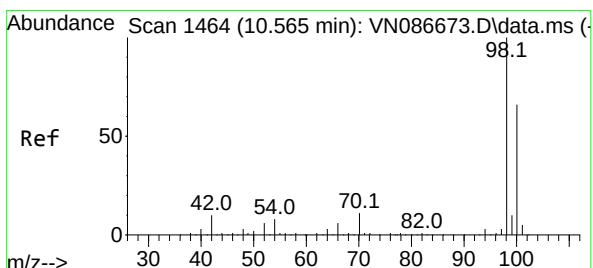
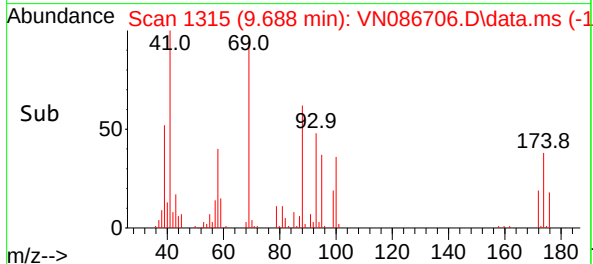
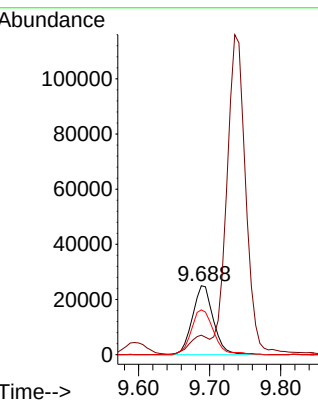
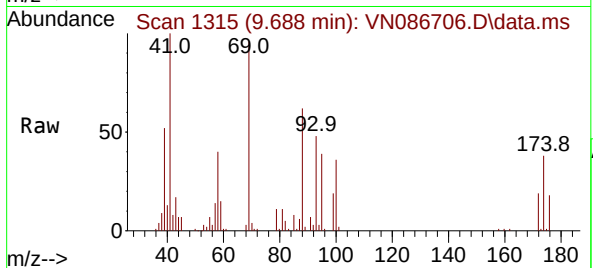
58 69.9 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#50

Toluene-d8

Concen: 50.988 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086706.D

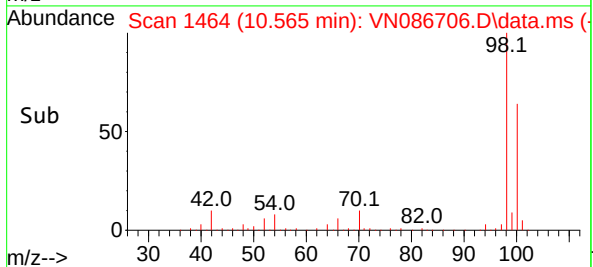
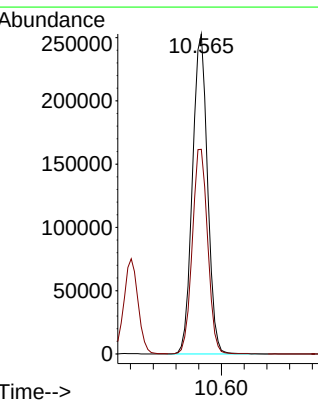
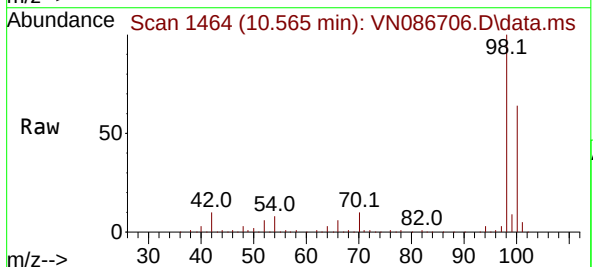
Acq: 20 May 2025 10:10

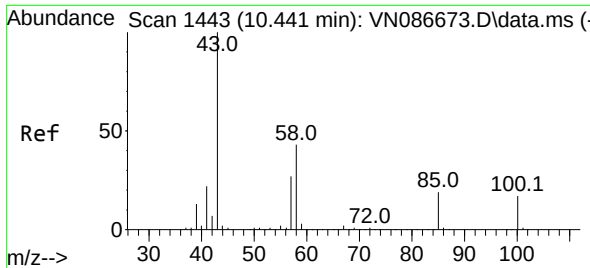
Tgt Ion: 98 Resp: 464037

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3





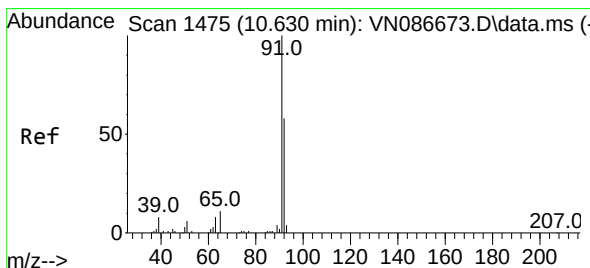
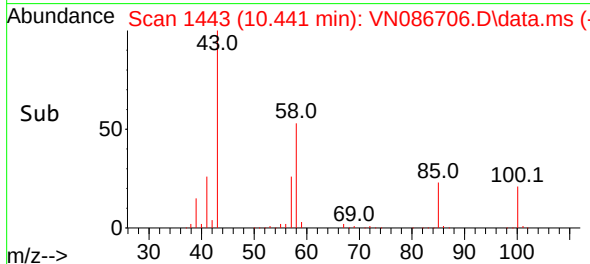
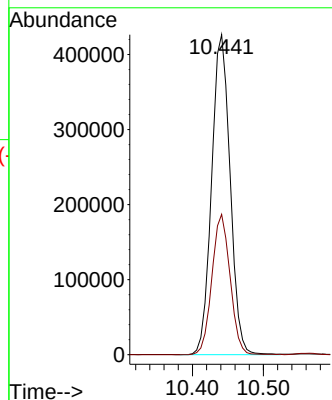
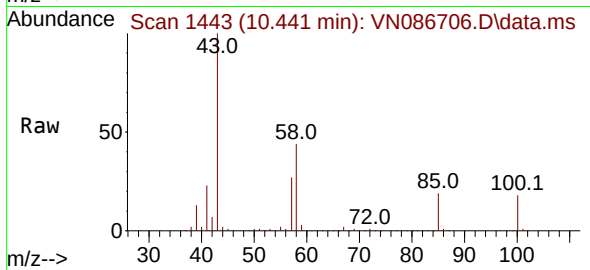
#51
4-Methyl-2-Pentanone
Concen: 232.723 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 76987
Ion Ratio Lower Upper
43 100
58 43.1 33.9 50.9

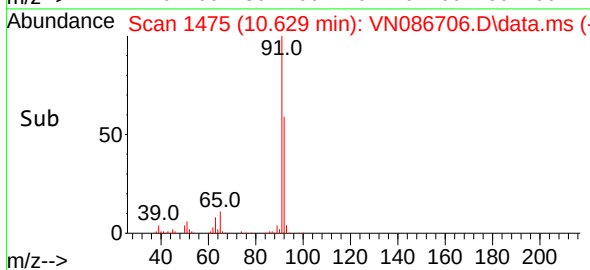
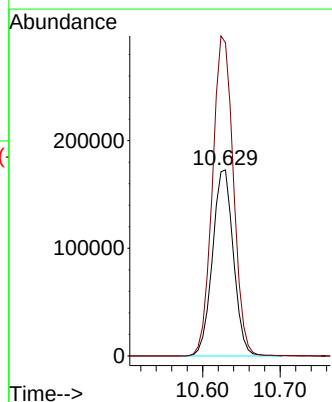
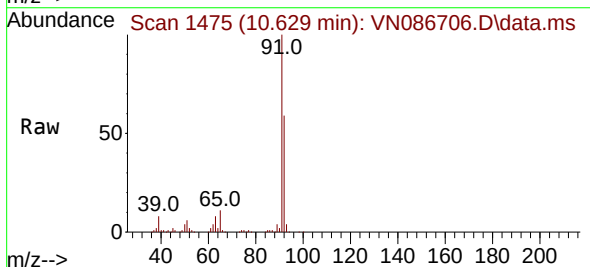
Manual Integrations
APPROVED

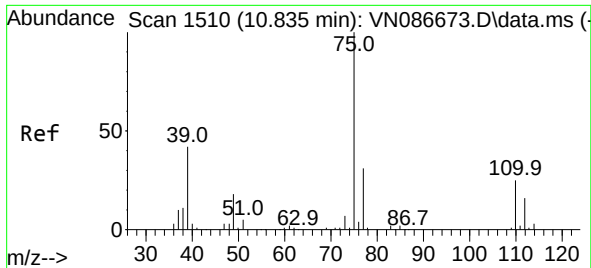
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#52
Toluene
Concen: 49.337 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

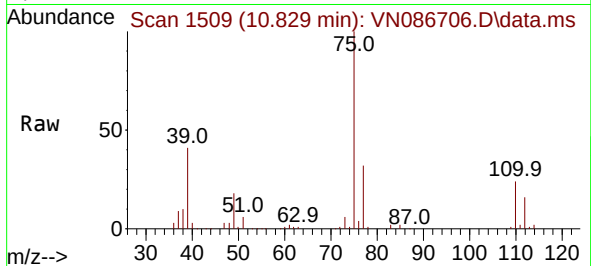
Tgt Ion: 92 Resp: 324042
Ion Ratio Lower Upper
92 100
91 172.6 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 51.430 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

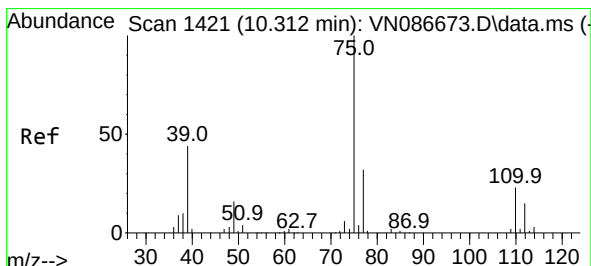
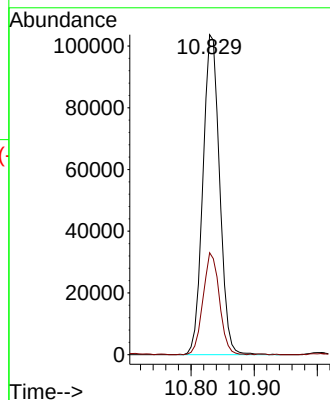
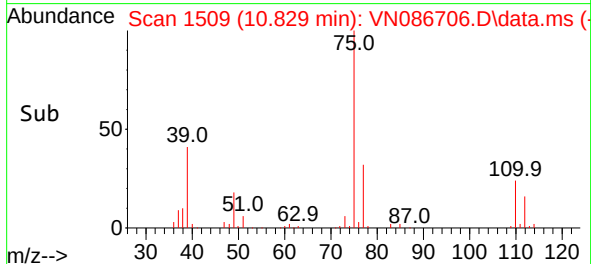
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 190050
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8

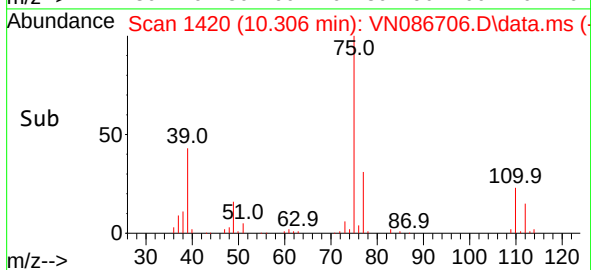
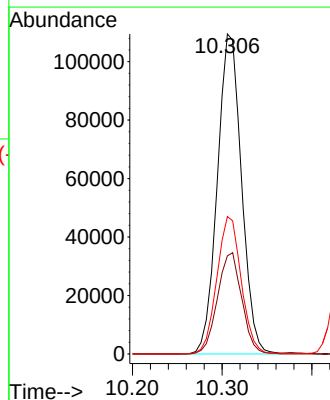
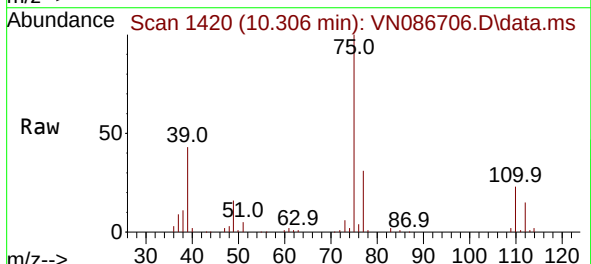
Manual Integrations
APPROVED

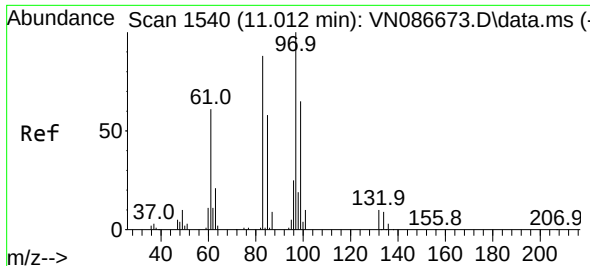
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#54
cis-1,3-Dichloropropene
Concen: 50.750 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

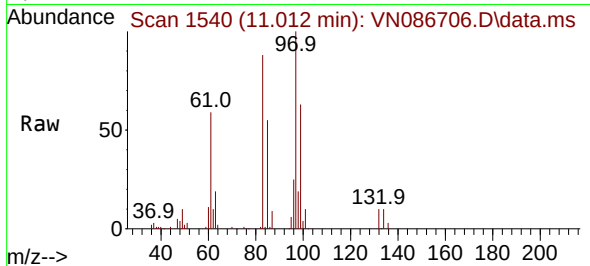
Tgt Ion: 75 Resp: 204720
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9
39 43.0 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 47.325 ug/l
RT: 11.012 min Scan# 115949
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

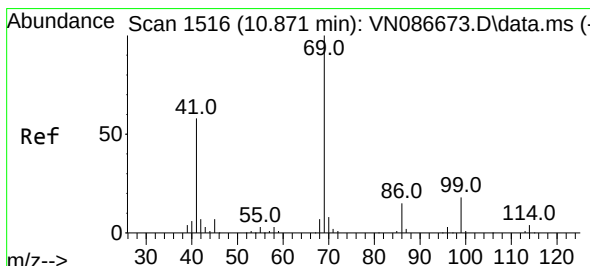
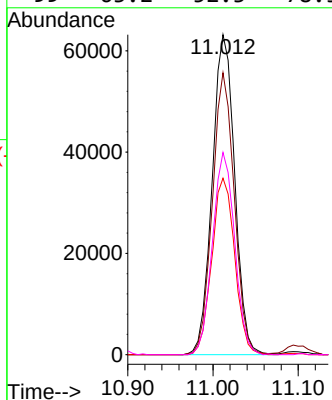
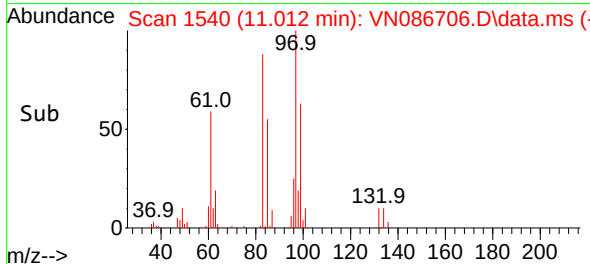
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	115949
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.4	105.6
85	55.2	46.1	69.1
99	63.2	52.3	78.5

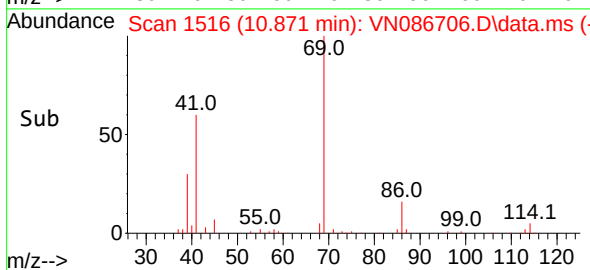
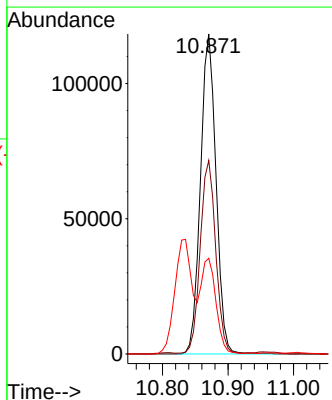
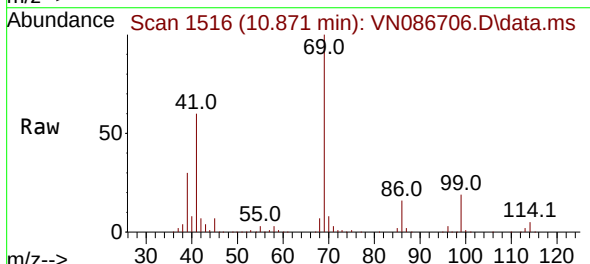
Manual Integrations
APPROVED

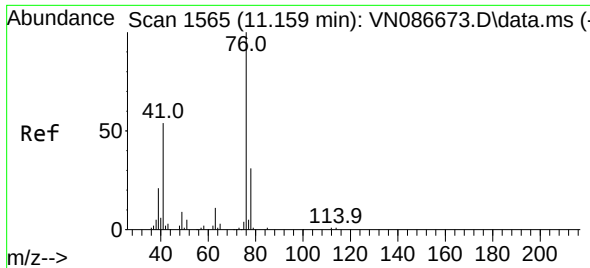
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#56
Ethyl methacrylate
Concen: 49.697 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

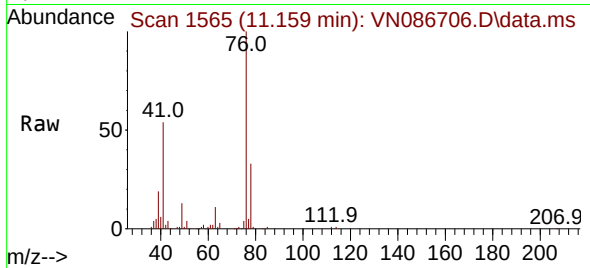
Tgt Ion:	69	Resp:	195497
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.4	71.0
39	28.0	24.0	36.0





#57
1,3-Dichloropropane
Concen: 48.799 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

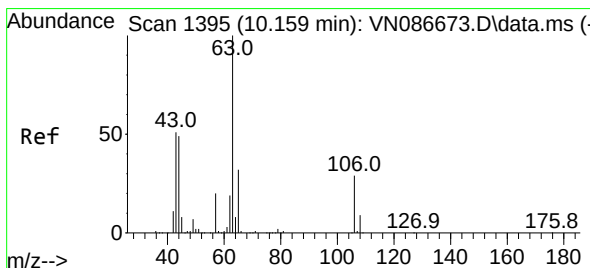
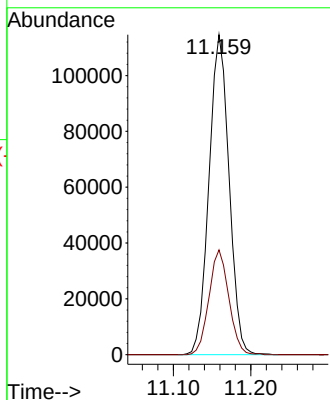
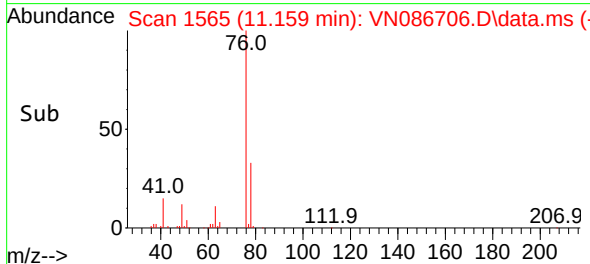
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 20597
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

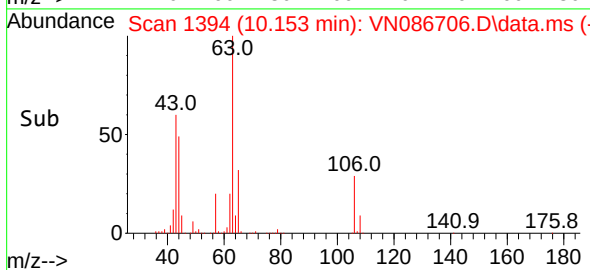
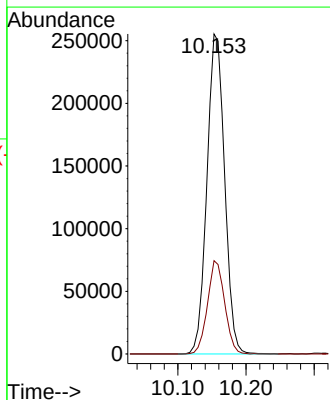
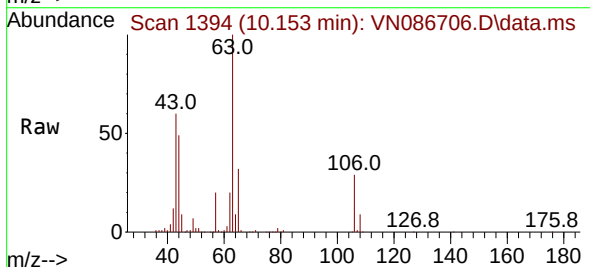
Manual Integrations
APPROVED

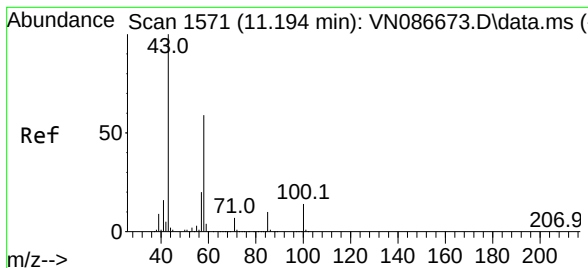
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 262.375 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

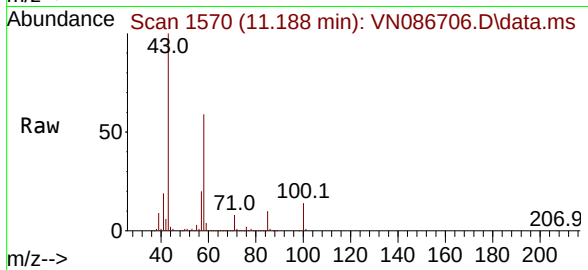
Tgt Ion: 63 Resp: 461287
Ion Ratio Lower Upper
63 100
106 28.3 23.1 34.7





#59
2-Hexanone
Concen: 233.296 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

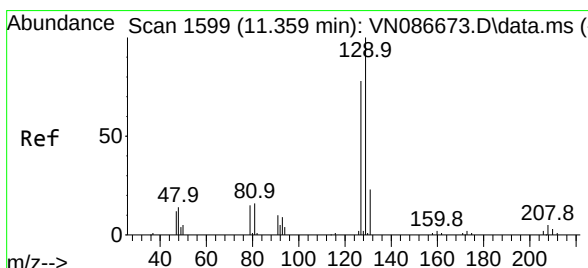
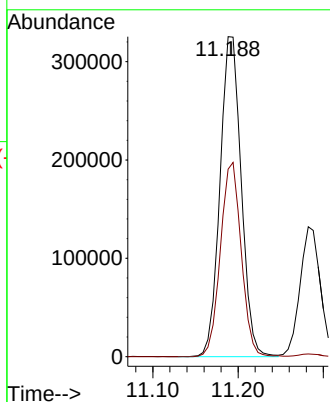
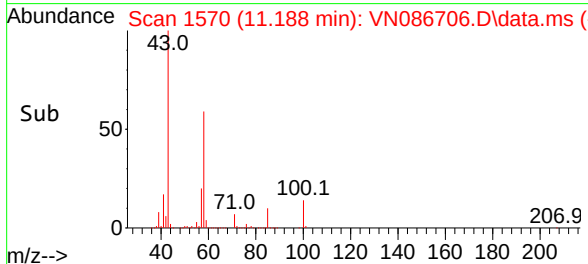
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 563592
Ion Ratio Lower Upper
43 100
58 59.4 29.8 89.5

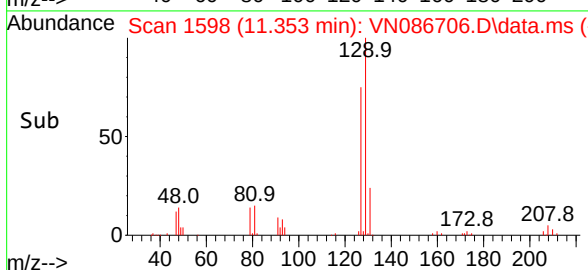
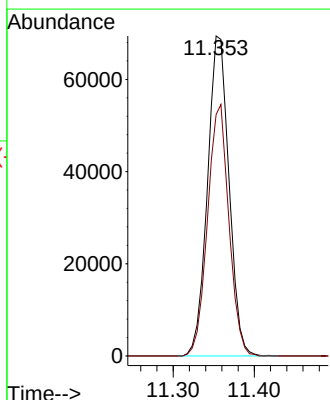
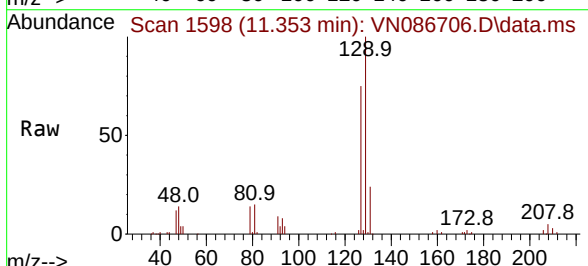
Manual Integrations
APPROVED

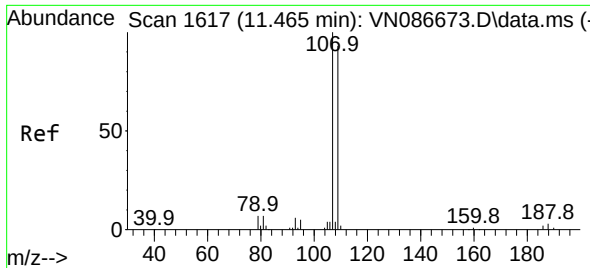
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#60
Dibromochloromethane
Concen: 49.715 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

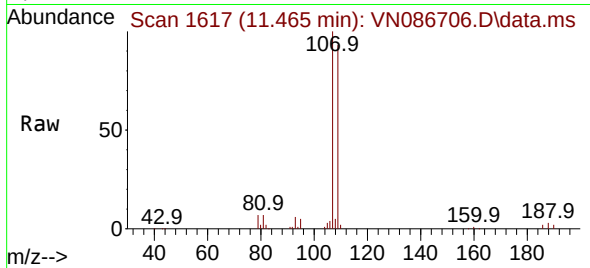
Tgt Ion:129 Resp: 127652
Ion Ratio Lower Upper
129 100
127 77.9 39.5 118.3





#61
1,2-Dibromoethane
Concen: 48.253 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

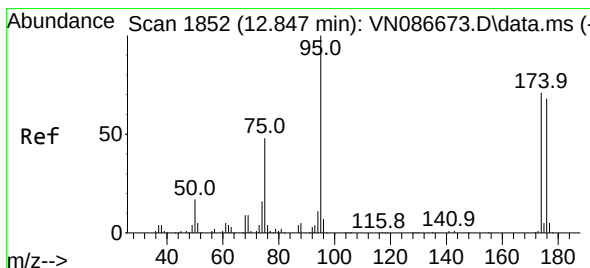
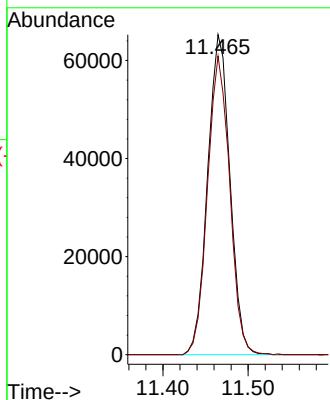
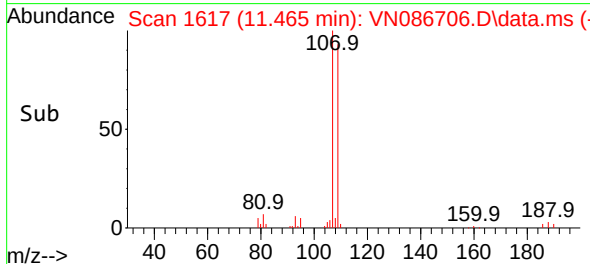
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



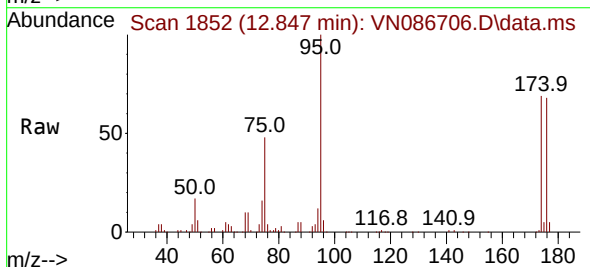
Tgt Ion:107 Resp: 11880
Ion Ratio Lower Upper
107 100
109 92.7 75.0 112.4

Manual Integrations
APPROVED

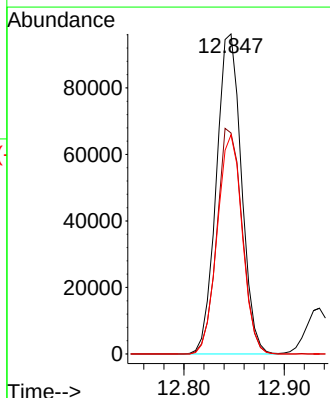
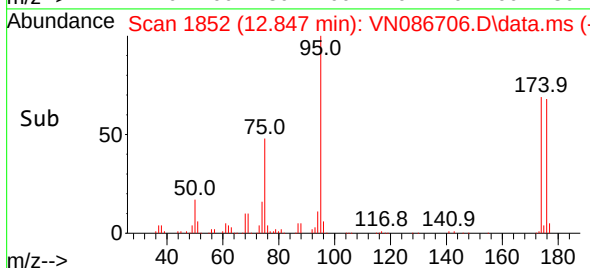
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

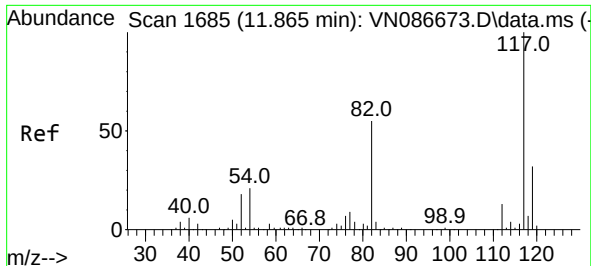


#62
4-Bromofluorobenzene
Concen: 51.949 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



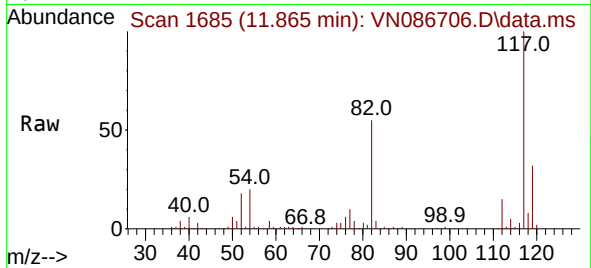
Tgt Ion: 95 Resp: 166939
Ion Ratio Lower Upper
95 100
174 70.9 0.0 145.4
176 68.3 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

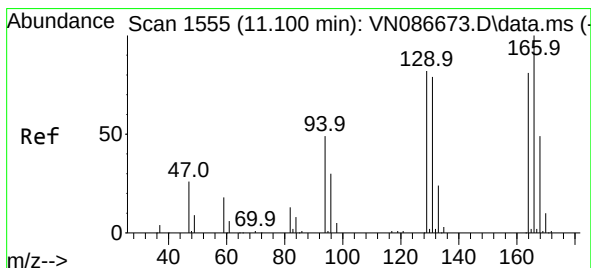
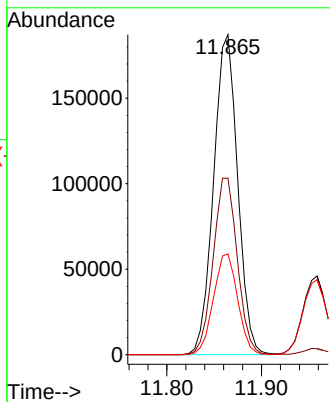
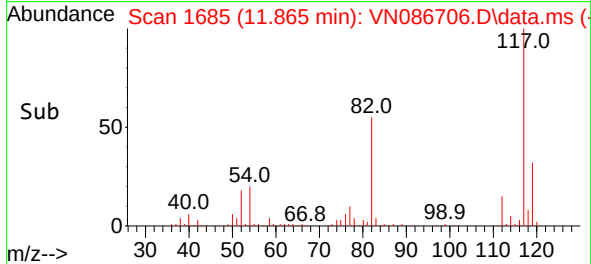
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



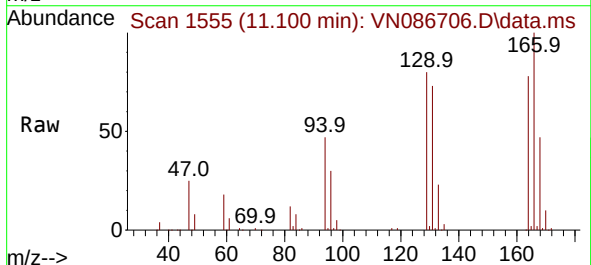
Tgt Ion:117 Resp: 330650
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.5 25.4 38.2

Manual Integrations
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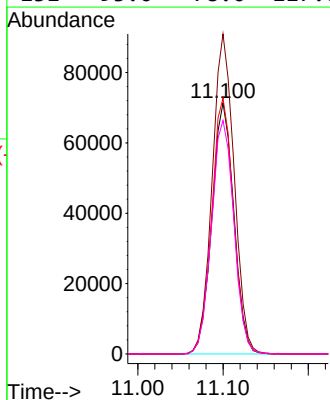
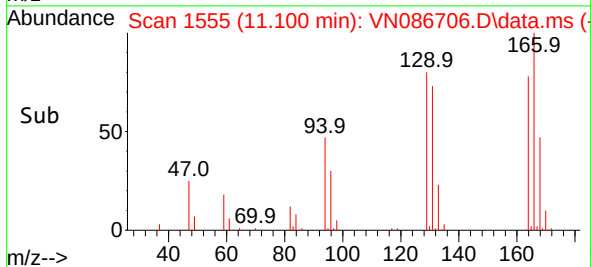
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

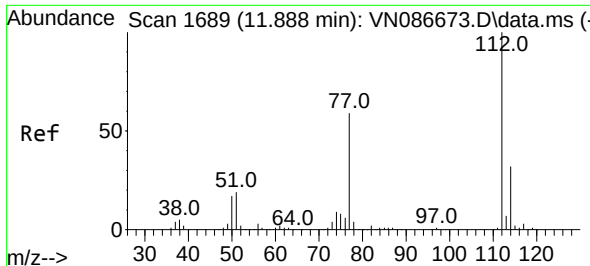


#64
Tetrachloroethene
Concen: 50.469 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



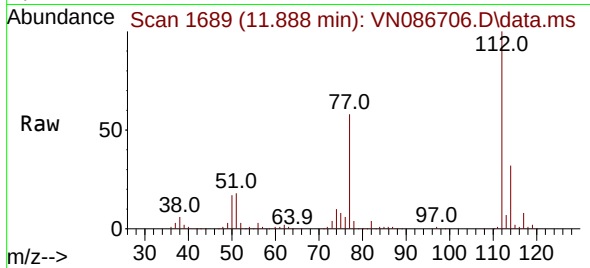
Tgt Ion:164 Resp: 127839
Ion Ratio Lower Upper
164 100
166 127.5 98.2 147.4
129 101.9 81.0 121.4
131 93.0 78.0 117.0





#65
Chlorobenzene
Concen: 48.558 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

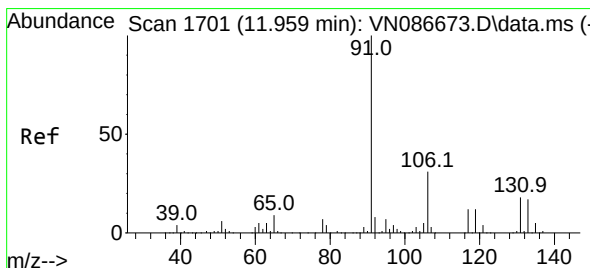
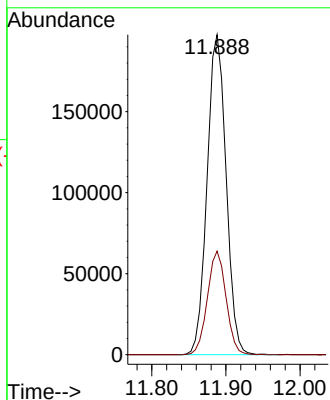
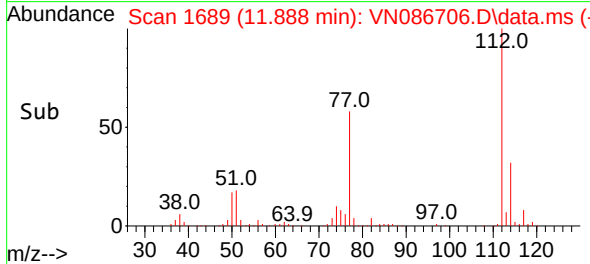
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



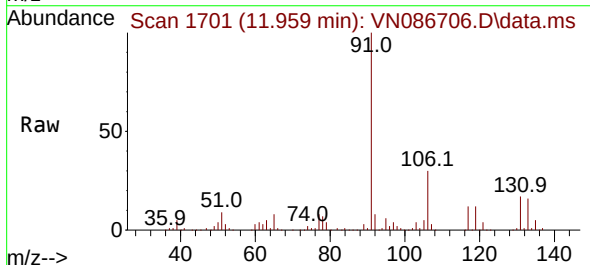
Tgt Ion:112 Resp: 35207
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9

Manual Integrations
APPROVED

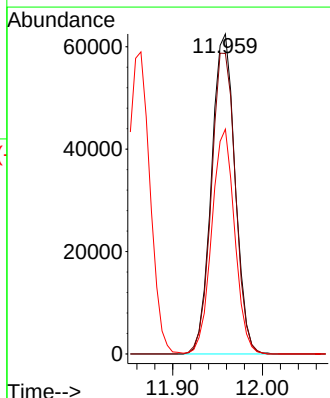
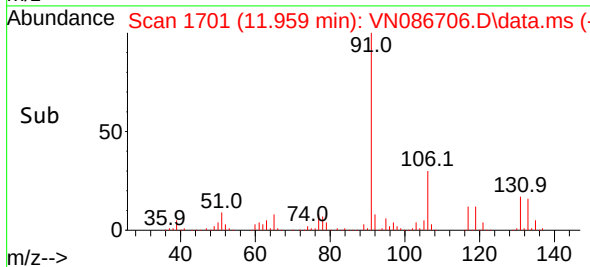
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

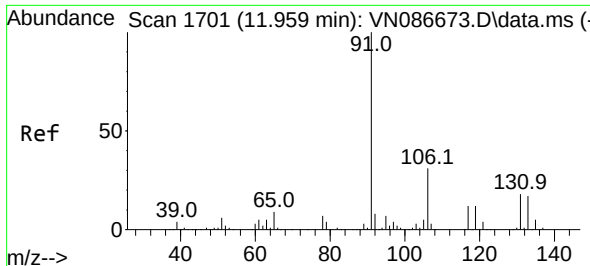


#66
1,1,1,2-Tetrachloroethane
Concen: 48.674 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



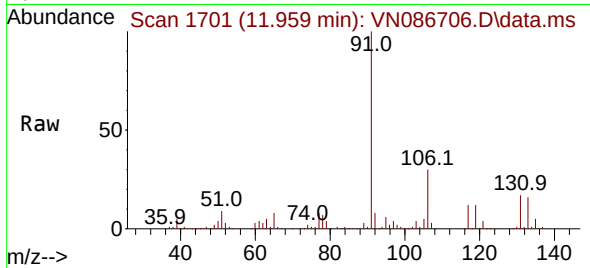
Tgt Ion:131 Resp: 113931
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 68.2 33.6 100.8





#67
Ethyl Benzene
Concen: 49.754 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

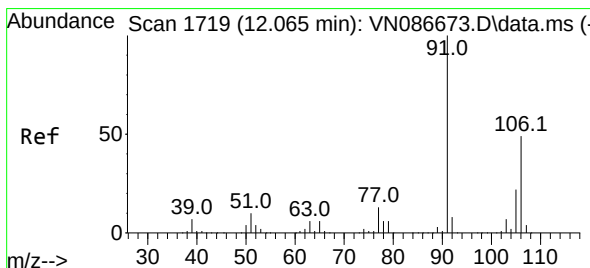
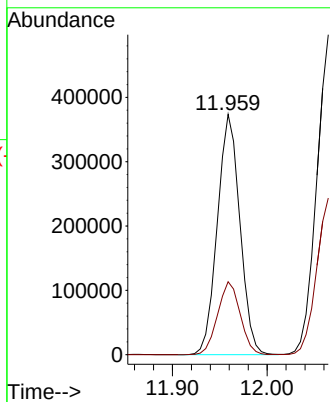
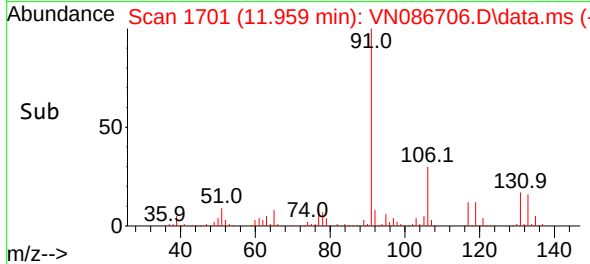
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



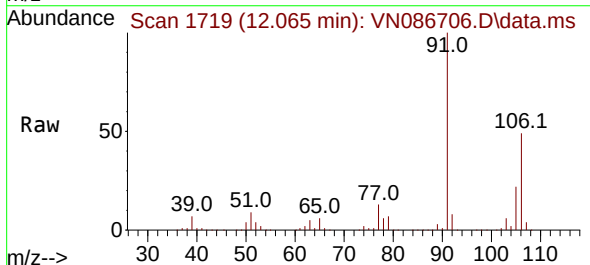
Tgt Ion: 91 Resp: 61791
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8

Manual Integrations
APPROVED

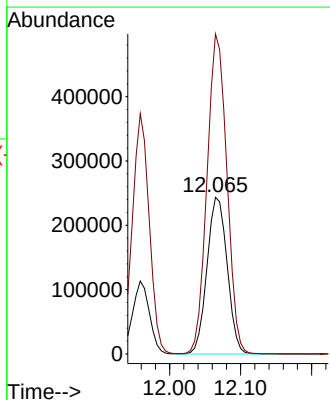
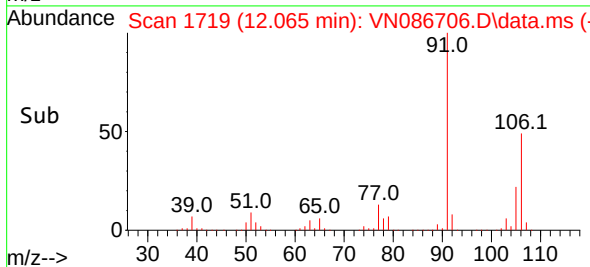
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

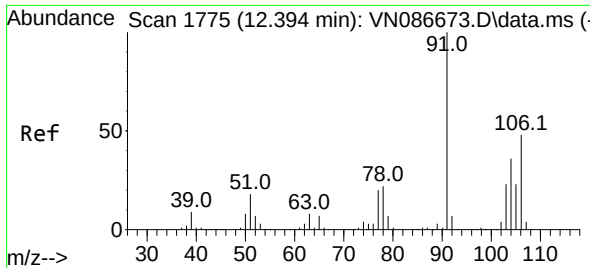


#68
m/p-Xylenes
Concen: 102.055 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



Tgt Ion:106 Resp: 480059
Ion Ratio Lower Upper
106 100
91 201.0 162.4 243.6





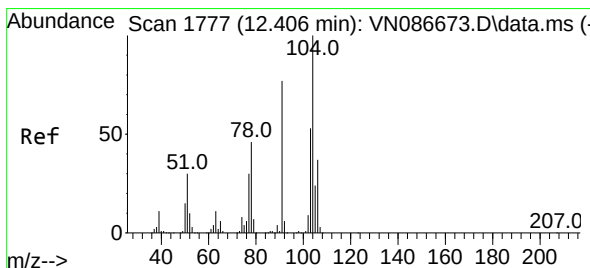
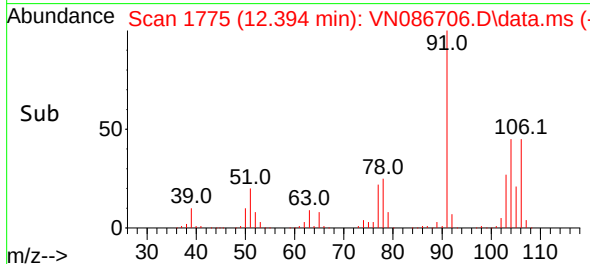
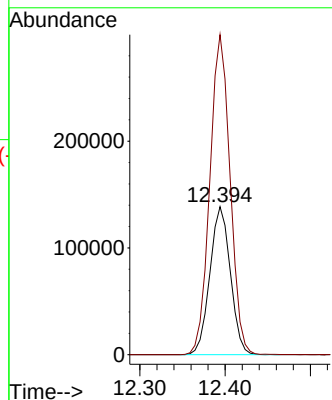
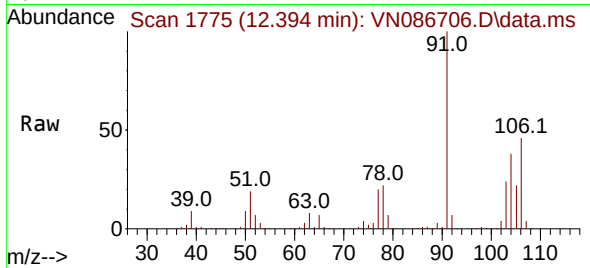
#69
o-Xylene
Concen: 49.461 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 231309
Ion Ratio Lower Upper
106 100
91 214.0 105.1 315.1

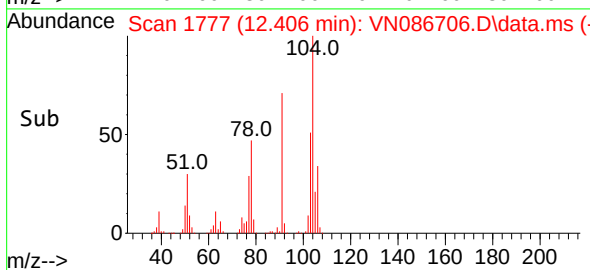
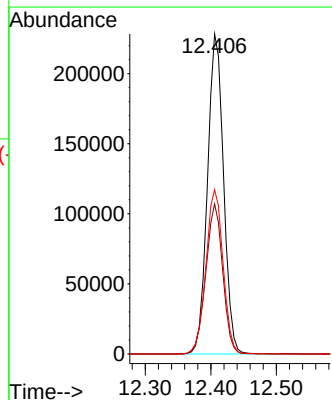
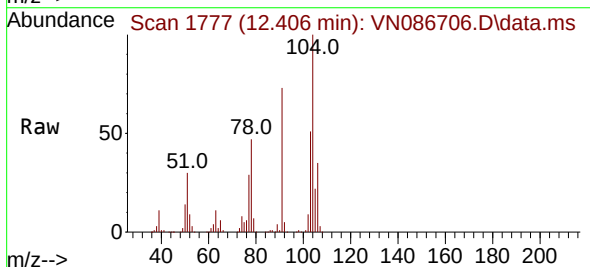
Manual Integrations
APPROVED

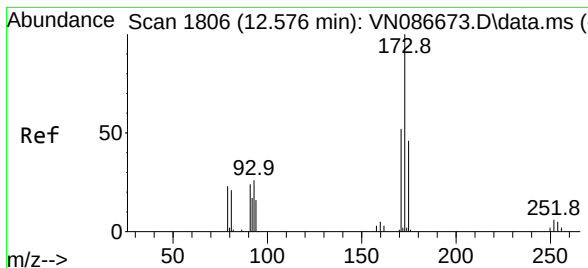
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#70
Styrene
Concen: 50.875 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

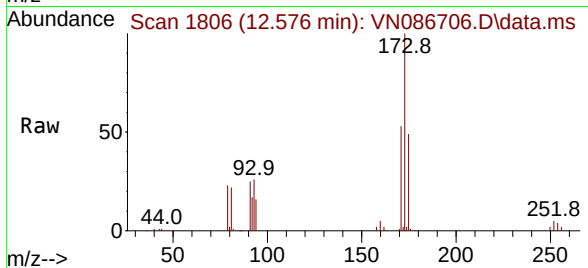
Tgt Ion:104 Resp: 389526
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 54.7 43.8 65.8





#71
Bromoform
Concen: 49.210 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

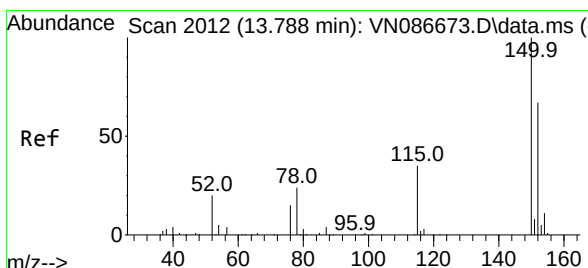
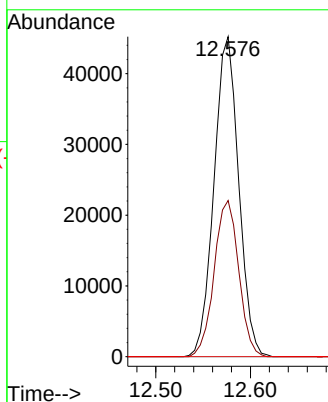
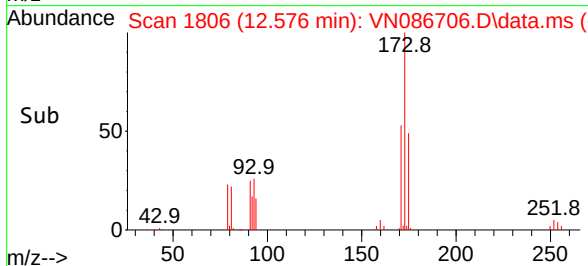
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



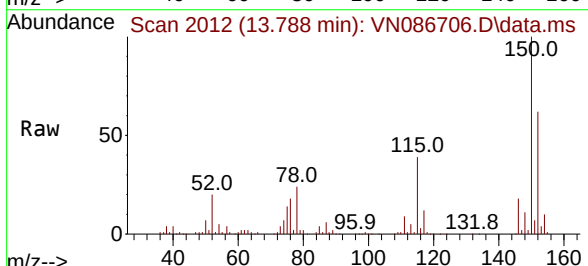
Tgt Ion:173 Resp: 81919
Ion Ratio Lower Upper
173 100
175 48.5 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

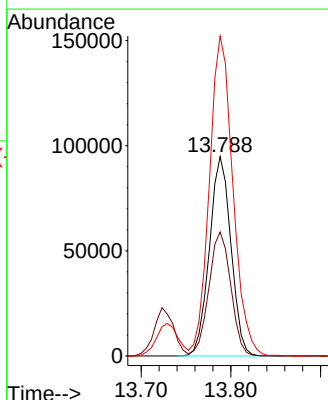
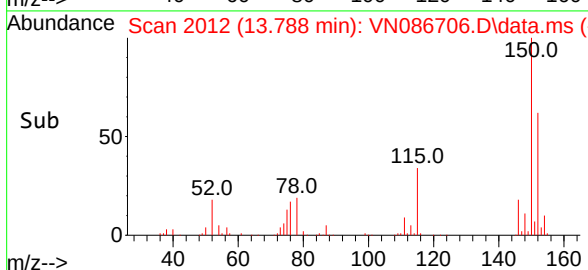
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

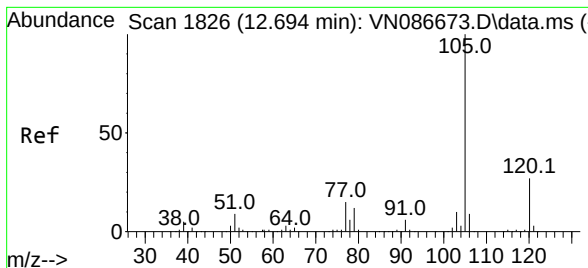


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



Tgt Ion:152 Resp: 158306
Ion Ratio Lower Upper
152 100
115 63.2 30.0 90.1
150 175.0 0.0 347.8





#73

Isopropylbenzene

Concen: 45.576 ug/l

RT: 12.688 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN086706.D

Acq: 20 May 2025 10:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 557238

Ion Ratio Lower Upper

105 100

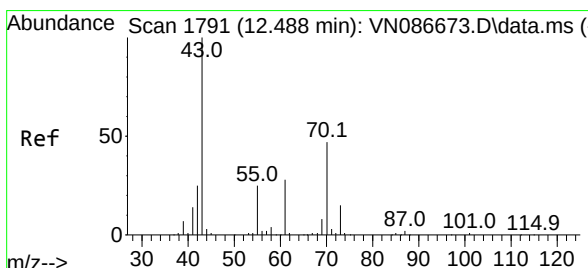
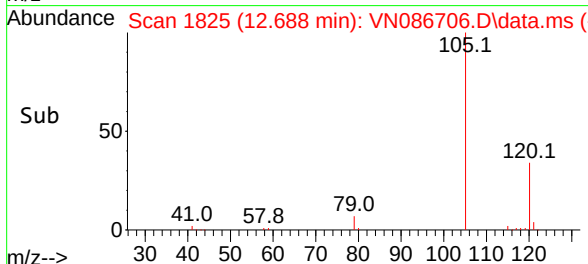
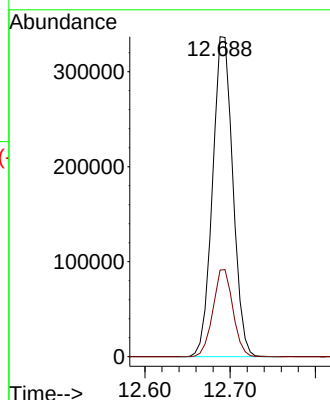
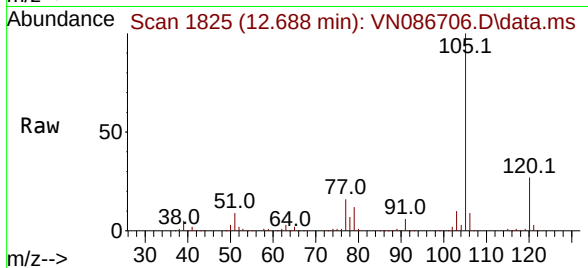
120 26.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#74

N-ethyl acetate

Concen: 44.724 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086706.D

Acq: 20 May 2025 10:10

Tgt Ion: 43 Resp: 228465

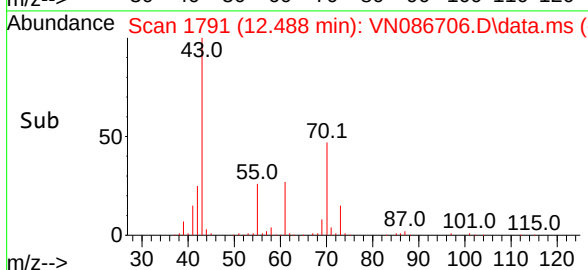
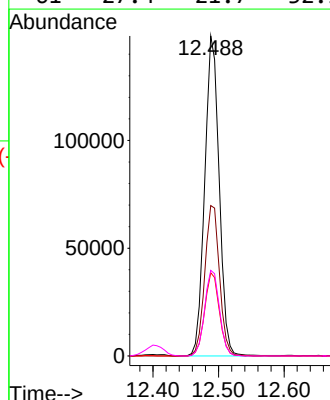
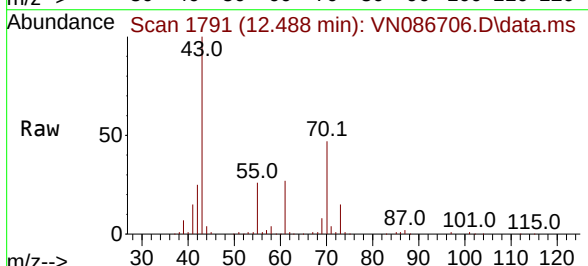
Ion Ratio Lower Upper

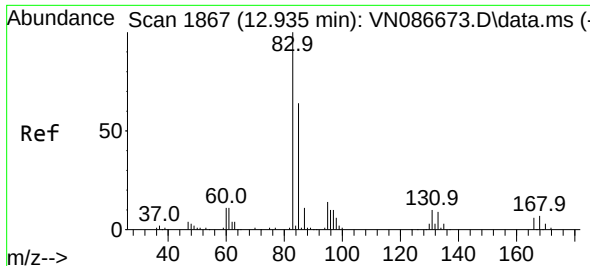
43 100

70 47.9 37.9 56.9

55 26.4 20.5 30.7

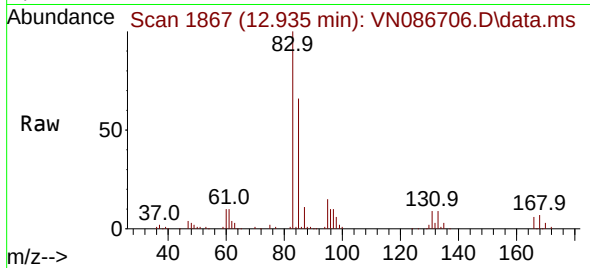
61 27.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 41.874 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

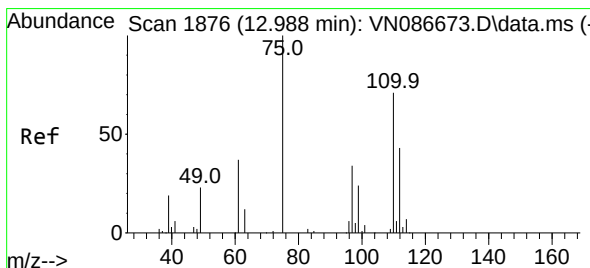
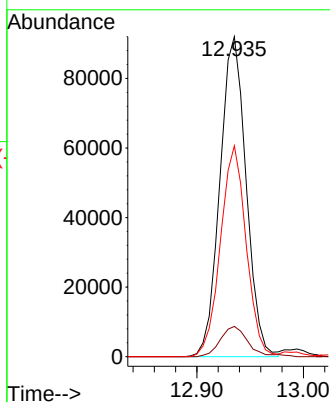
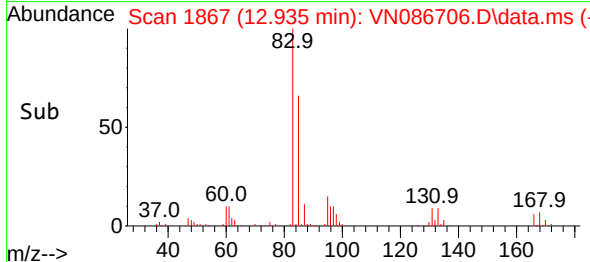
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 157289
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.6 32.4 97.2

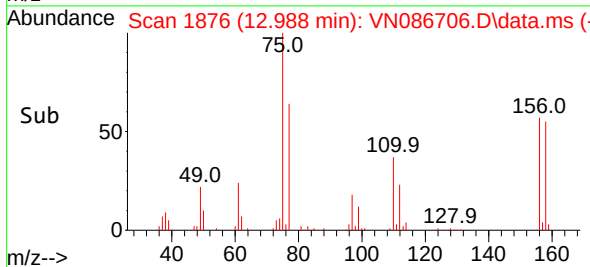
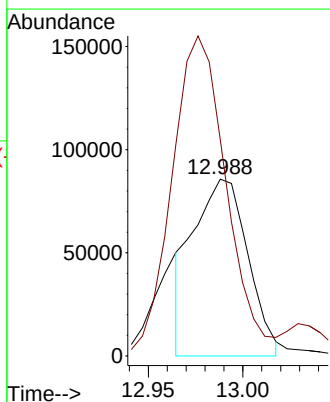
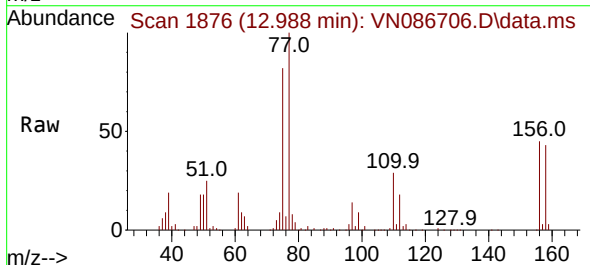
Manual Integrations
APPROVED

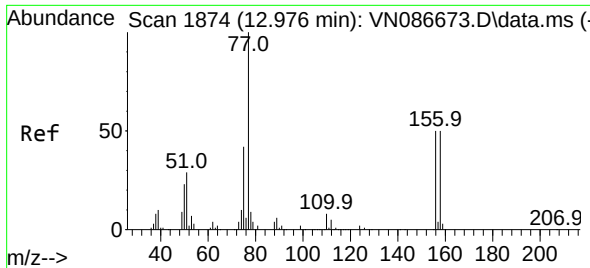
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#76
1,2,3-Trichloropropane
Concen: 47.959 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

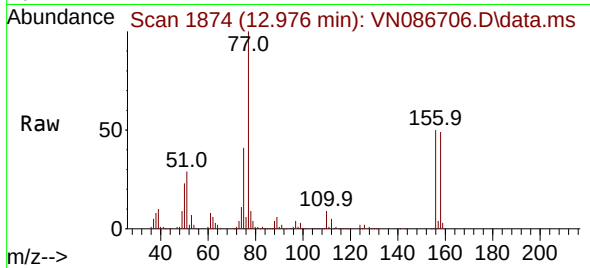
Tgt Ion: 75 Resp: 171704
Ion Ratio Lower Upper
75 100
77 181.5 96.0 288.1





#77
Bromobenzene
Concen: 43.831 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

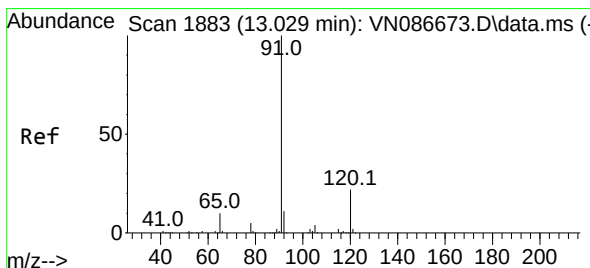
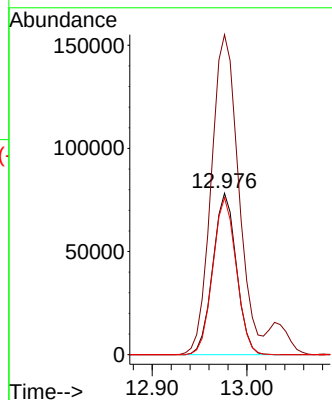
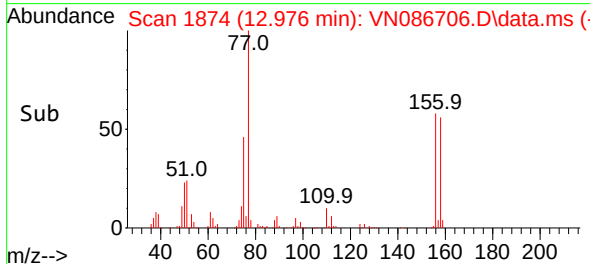
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



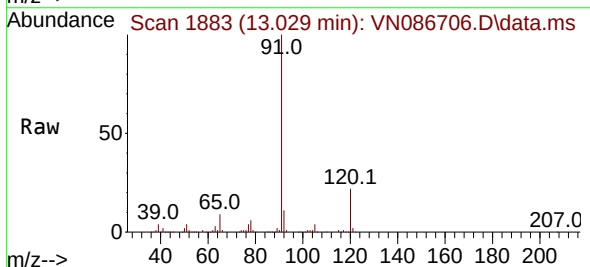
Tgt Ion:156 Resp: 134808
Ion Ratio Lower Upper
156 100
77 231.2 113.1 339.2
158 97.0 48.6 145.9

Manual Integrations
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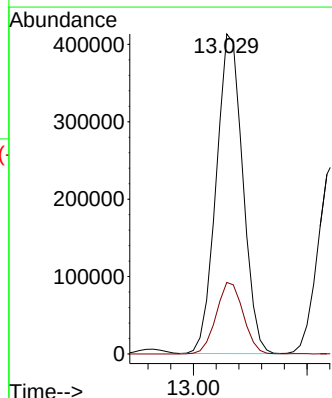
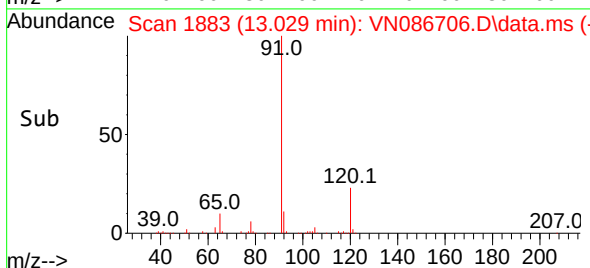
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

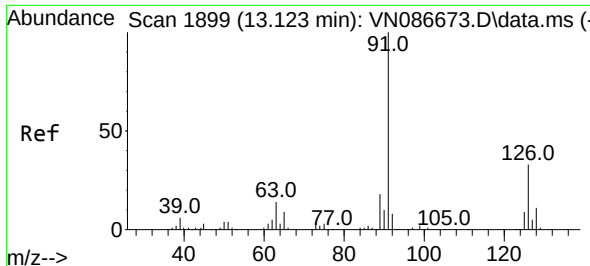


#78
n-propylbenzene
Concen: 47.789 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



Tgt Ion: 91 Resp: 670540
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.1





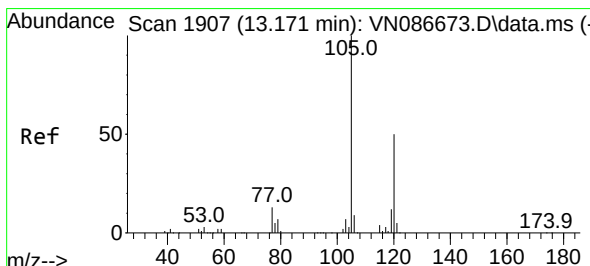
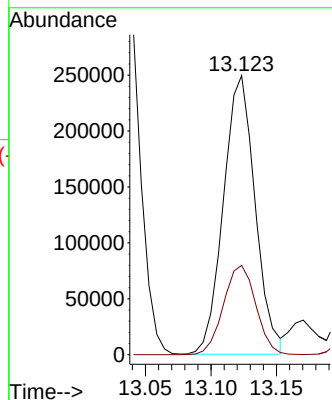
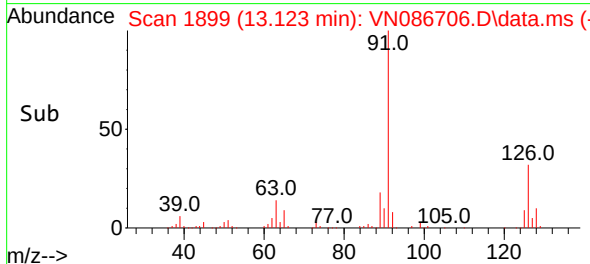
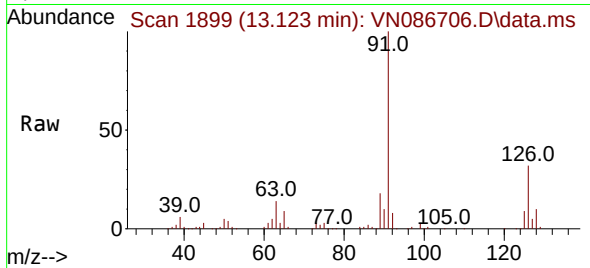
#79
2-Chlorotoluene
Concen: 45.909 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 41883
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.7

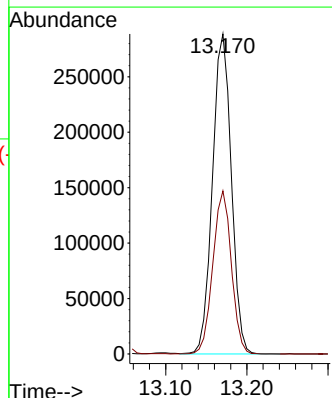
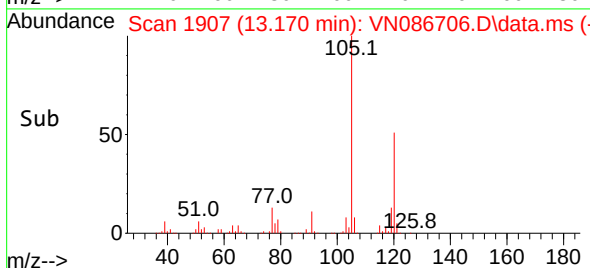
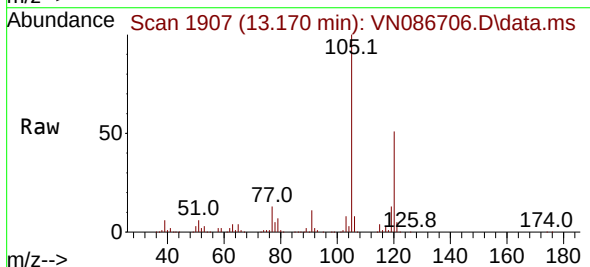
Manual Integrations
APPROVED

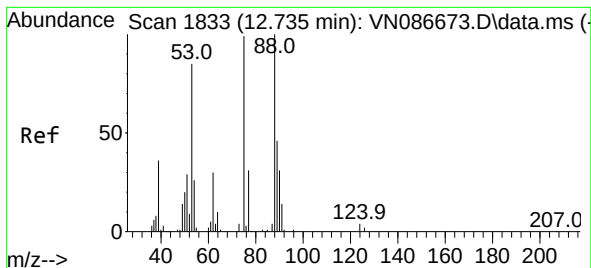
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.538 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

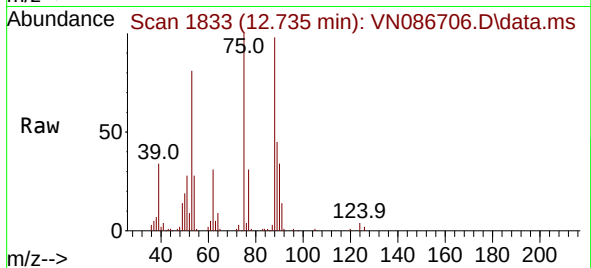
Tgt Ion:105 Resp: 465665
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 49.731 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

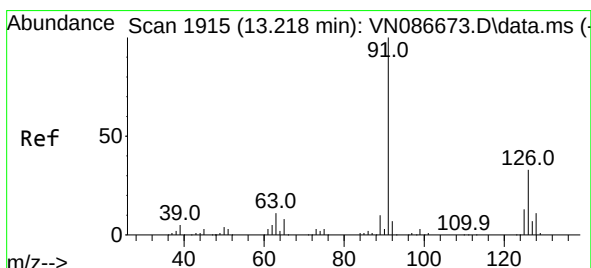
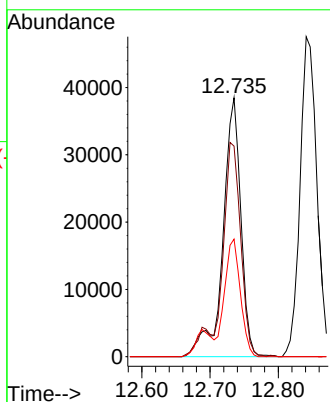
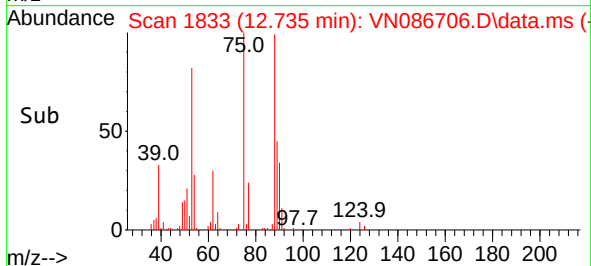
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 70552
Ion Ratio Lower Upper
75 100
53 76.6 70.4 105.6
89 40.2 32.4 48.6

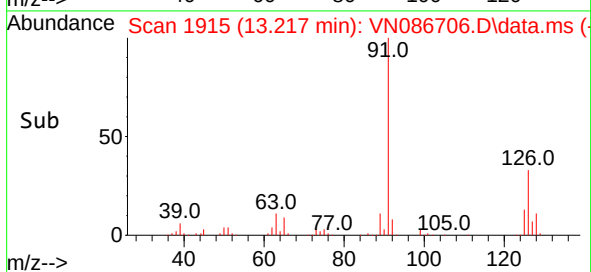
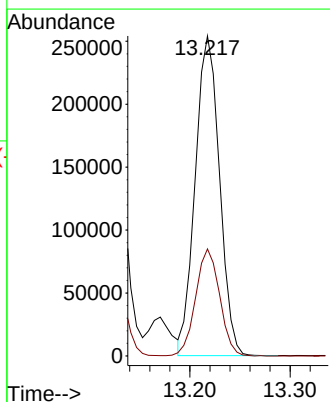
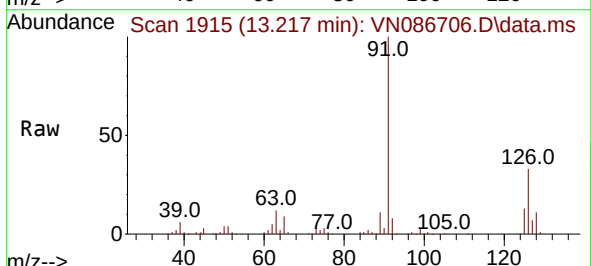
Manual Integrations
APPROVED

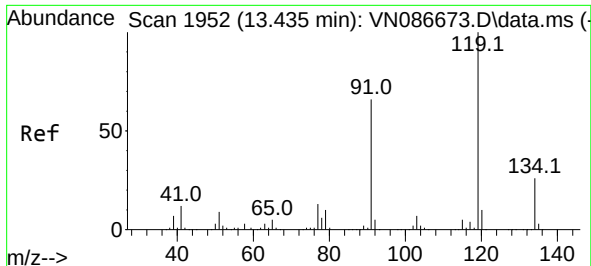
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#82
4-Chlorotoluene
Concen: 47.226 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

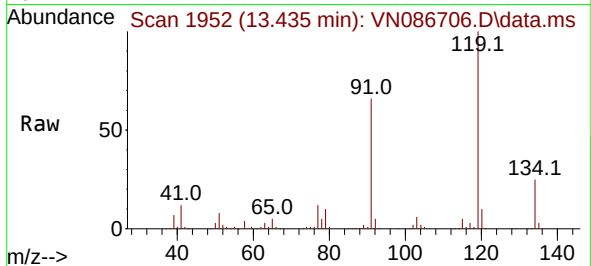
Tgt Ion: 91 Resp: 426862
Ion Ratio Lower Upper
91 100
126 33.2 17.0 50.9





#83
 tert-Butylbenzene
 Concen: 46.218 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086706.D
 Acq: 20 May 2025 10:10

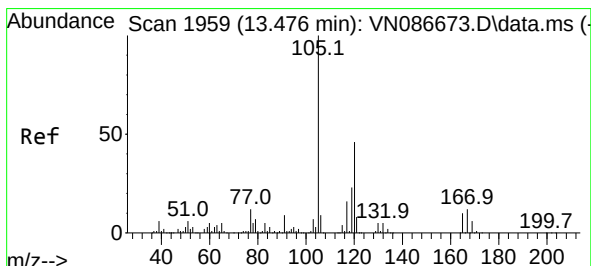
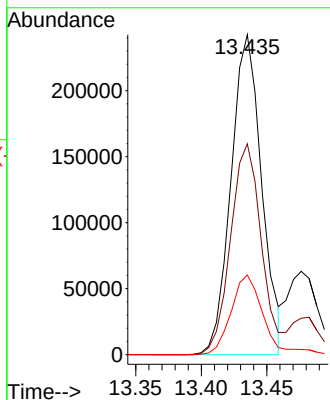
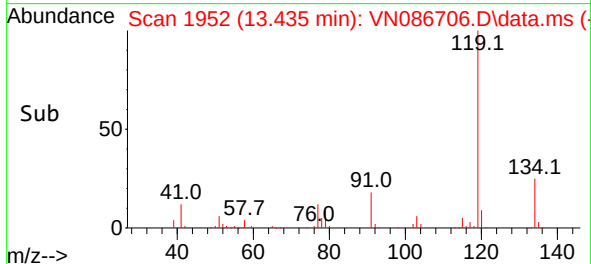
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



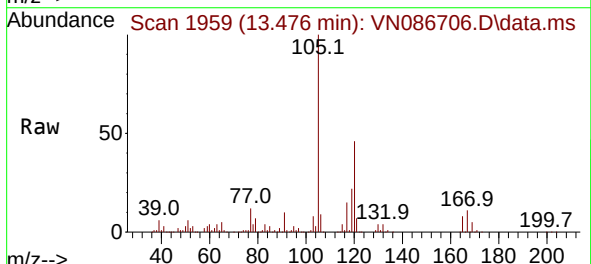
Tgt Ion:119 Resp: 394822
 Ion Ratio Lower Upper
 119 100
 91 66.9 32.9 98.7
 134 26.3 13.4 40.1

Manual Integrations
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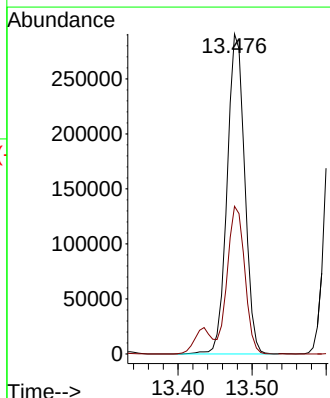
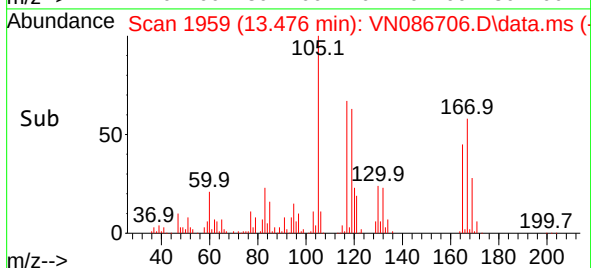
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

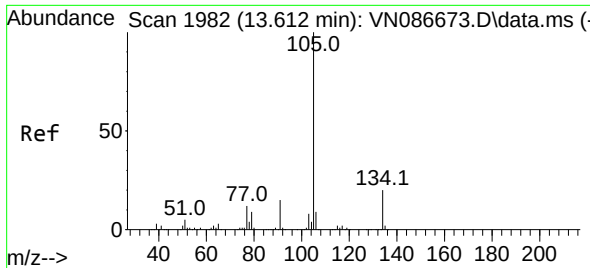


#84
 1,2,4-Trimethylbenzene
 Concen: 48.984 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086706.D
 Acq: 20 May 2025 10:10



Tgt Ion:105 Resp: 477829
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.6





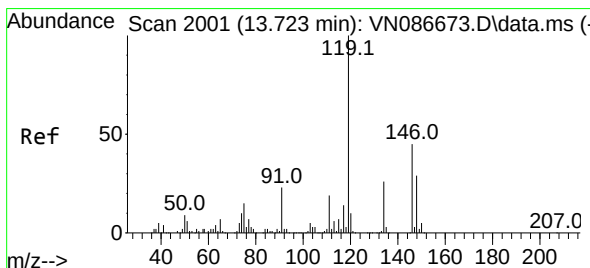
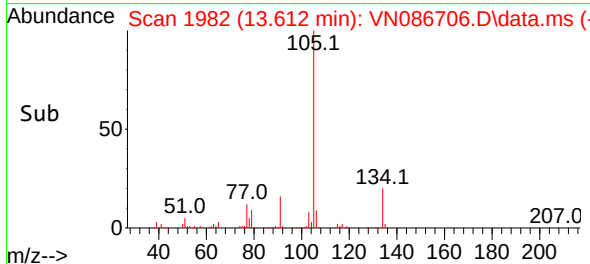
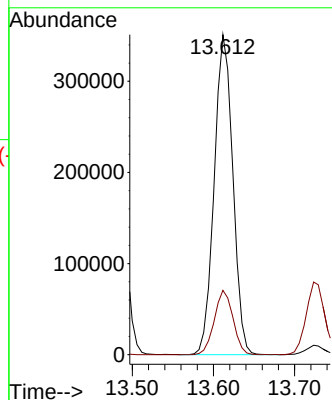
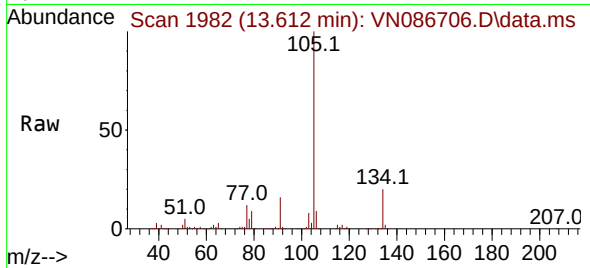
#85
 sec-Butylbenzene
 Concen: 48.950 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086706.D
 Acq: 20 May 2025 10:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 56070
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

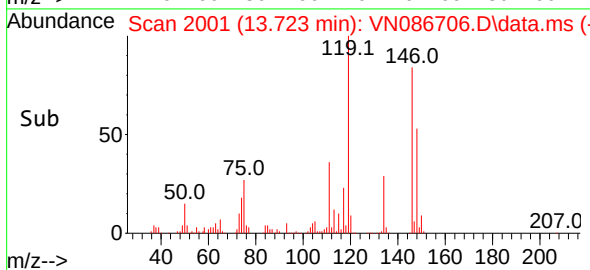
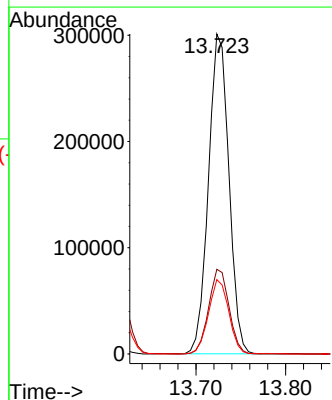
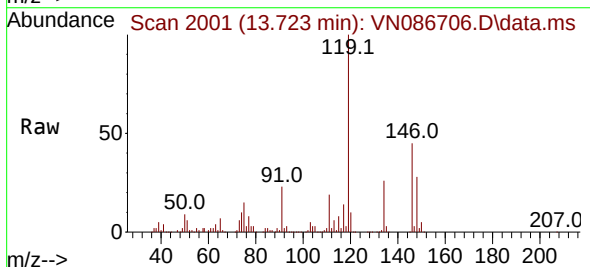
Manual Integrations
 APPROVED

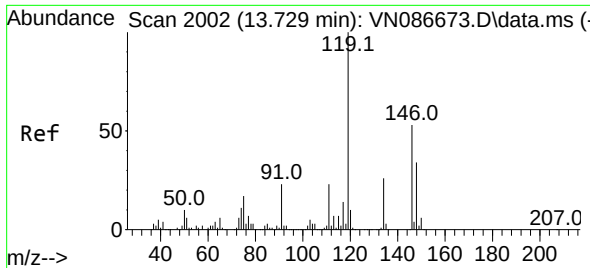
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#86
 p-Isopropyltoluene
 Concen: 50.679 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086706.D
 Acq: 20 May 2025 10:10

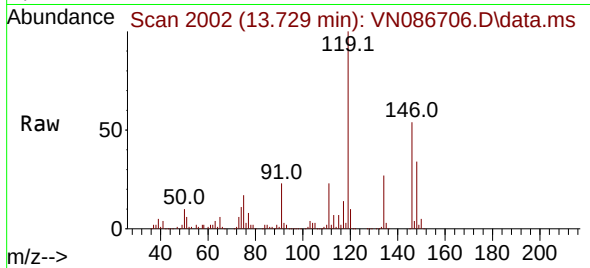
Tgt Ion:119 Resp: 475836
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 23.1 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 48.269 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

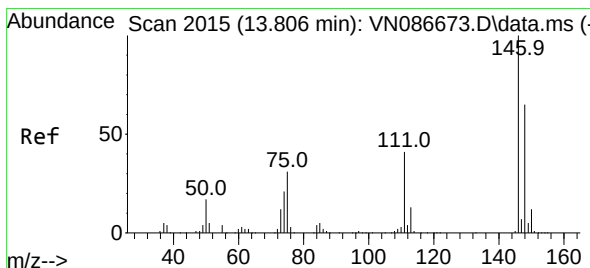
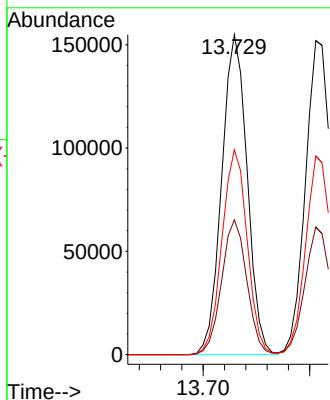
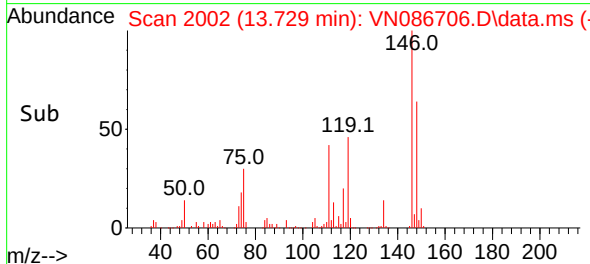
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



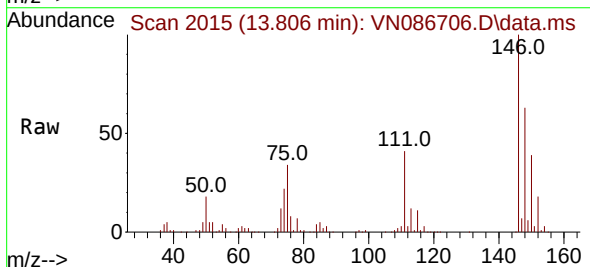
Tgt Ion:146 Resp: 257070
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.7
148 63.6 31.8 95.4

Manual Integrations
APPROVED

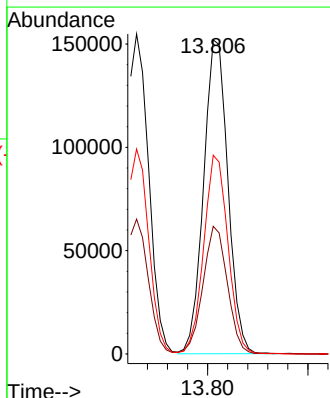
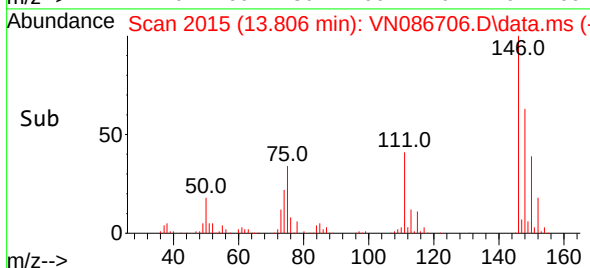
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

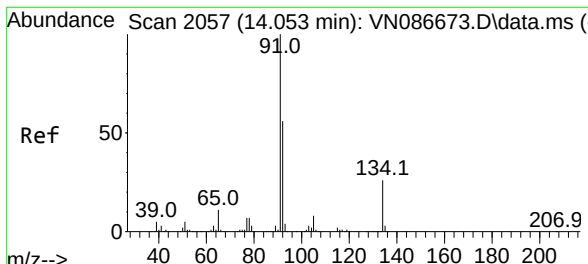


#88
1,4-Dichlorobenzene
Concen: 48.580 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10



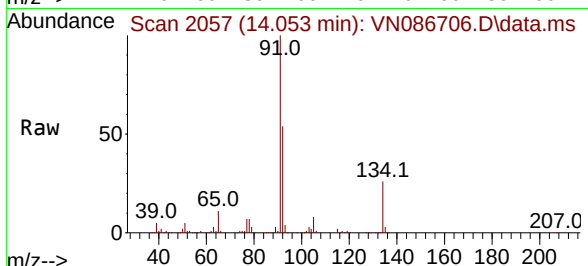
Tgt Ion:146 Resp: 256346
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 63.2 32.0 96.0





#89
n-Butylbenzene
Concen: 53.206 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

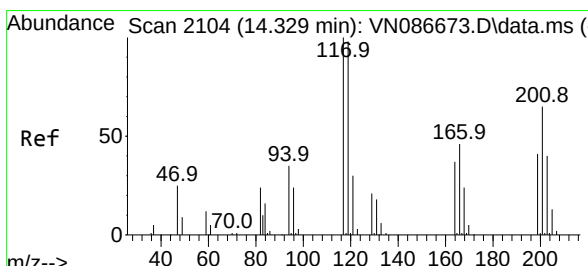
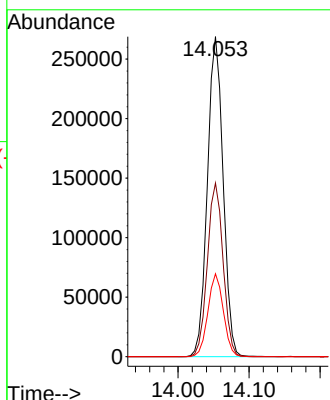
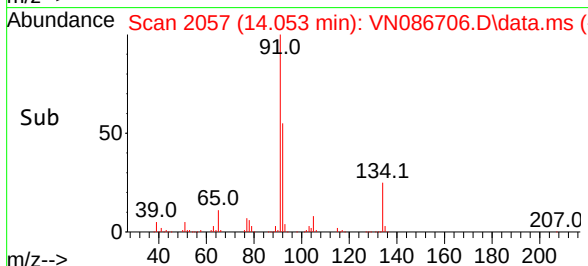
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 414140
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 25.4 12.8 38.4

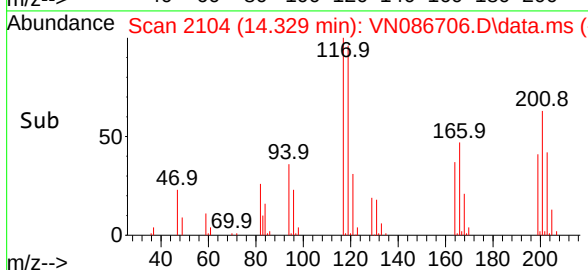
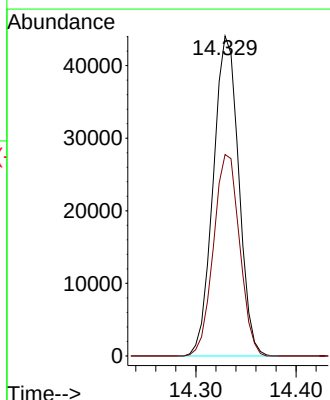
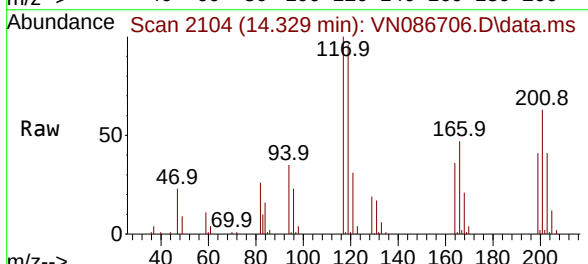
Manual Integrations
APPROVED

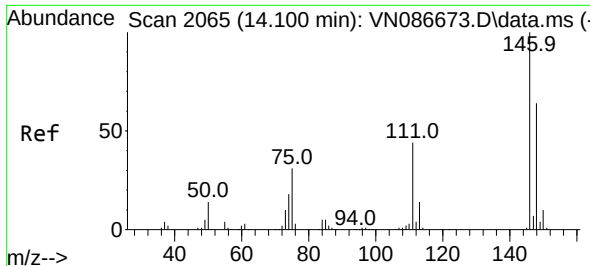
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#90
Hexachloroethane
Concen: 49.839 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

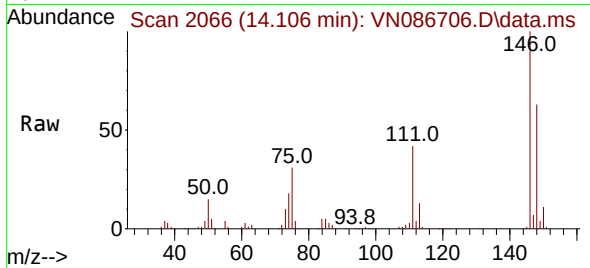
Tgt Ion:117 Resp: 77642
Ion Ratio Lower Upper
117 100
201 64.5 32.0 96.0





#91
1,2-Dichlorobenzene
Concen: 48.586 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

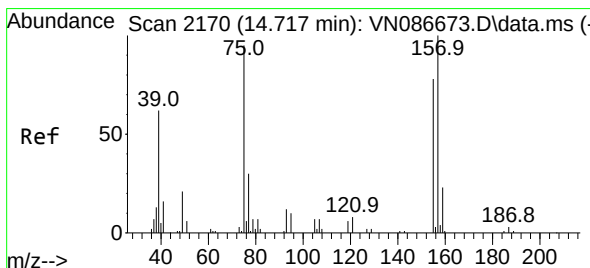
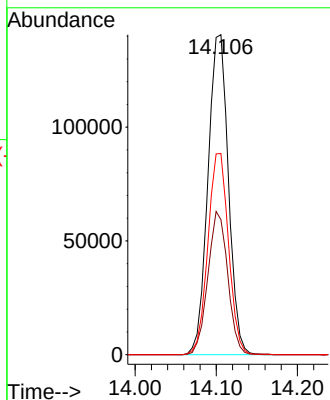
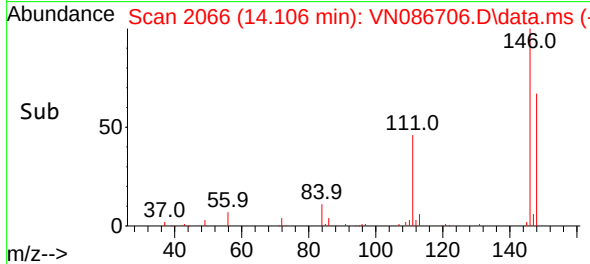
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 246118
Ion Ratio Lower Upper
146 100
111 43.5 21.6 65.0
148 63.4 31.7 95.1

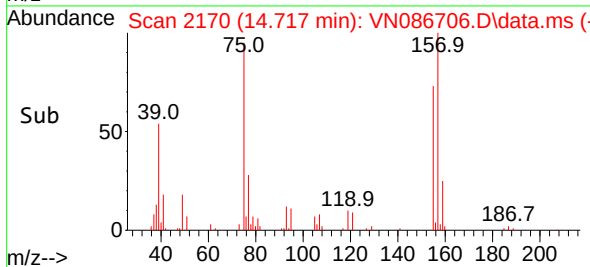
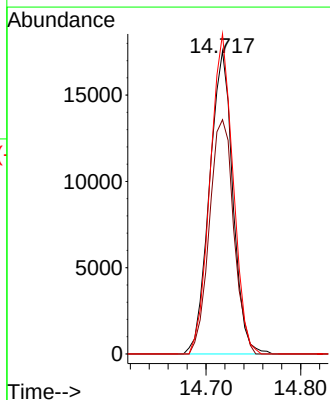
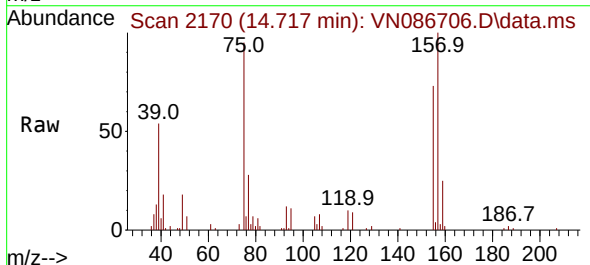
Manual Integrations
APPROVED

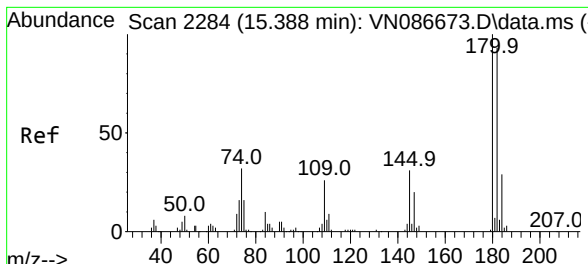
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.232 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

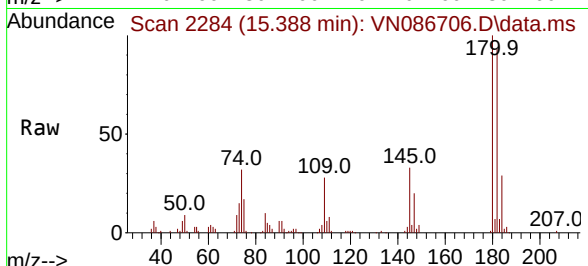
Tgt Ion: 75 Resp: 30013
Ion Ratio Lower Upper
75 100
155 80.6 40.5 121.5
157 103.7 53.6 160.8





#93
 1,2,4-Trichlorobenzene
 Concen: 52.142 ug/l
 RT: 15.388 min Scan# 21149
 Delta R.T. -0.000 min
 Lab File: VN086706.D
 Acq: 20 May 2025 10:10

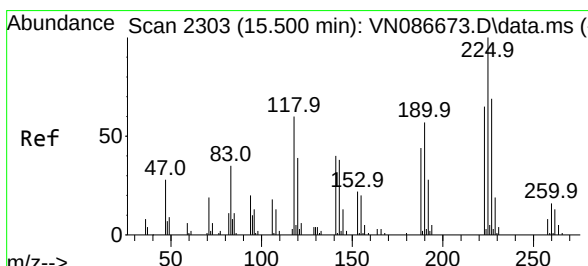
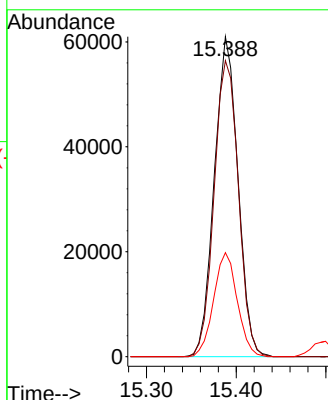
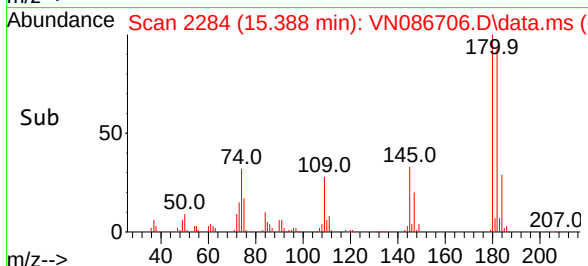
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



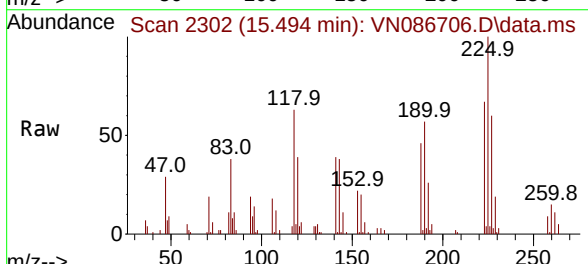
Tgt Ion:180 Resp: 111492
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.1 141.3
 145 32.5 15.6 46.8

Manual Integrations
 APPROVED

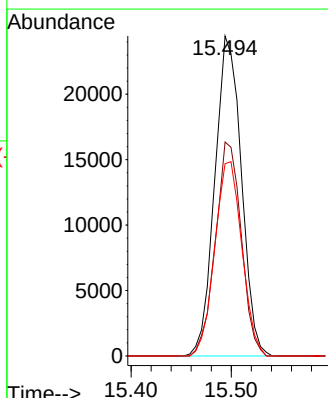
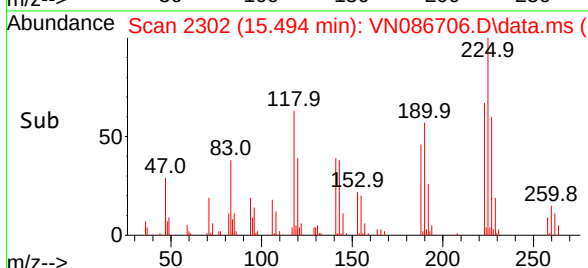
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

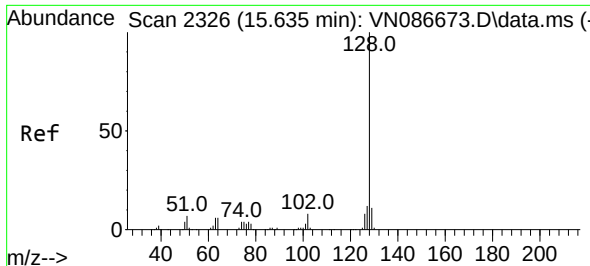


#94
 Hexachlorobutadiene
 Concen: 50.489 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086706.D
 Acq: 20 May 2025 10:10



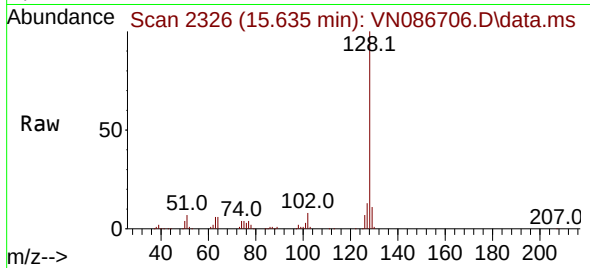
Tgt Ion:225 Resp: 44791
 Ion Ratio Lower Upper
 225 100
 223 65.1 32.9 98.6
 227 62.1 32.4 97.2





#95
Naphthalene
Concen: 48.114 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

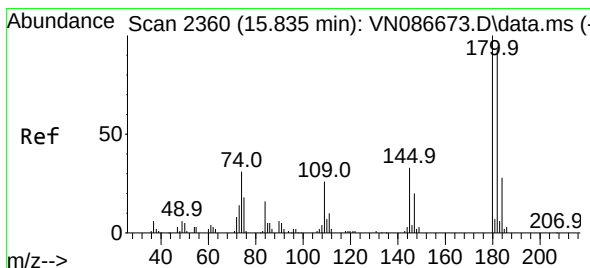
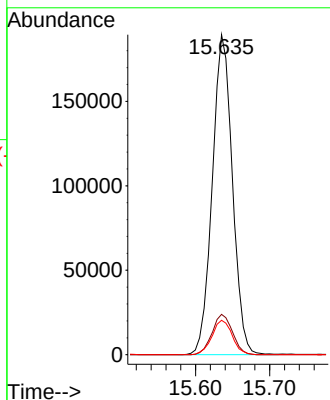
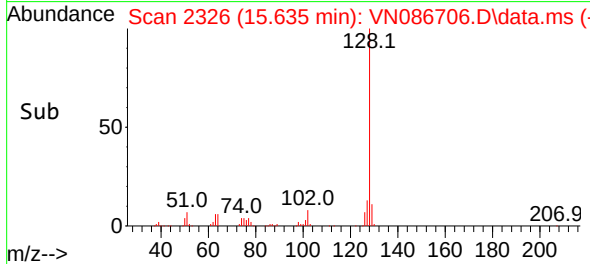
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 357215
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.210 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086706.D
Acq: 20 May 2025 10:10

Tgt Ion:180 Resp: 105138
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.2
145 33.2 16.7 50.1

